

GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2006, 11:27:17 ; Search time 1891 Seconds  
(without alignments)  
494.840 Million cell updates/sec

Title: US-10-800-077-231

Perfect score: 20

Sequence: 1 atggaggcctcgctcagaaa 20

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 41078325 seqs, 23393541228 residues

Word size : 0

Total number of hits satisfying chosen parameters: 52094

Minimum DB seq length: 0

Maximum DB seq length: 30

Post-processing: Listing first 45 summaries

Database : EST:\*

1: gb\_est1.\*  
2: gb\_est2.\*  
3: gb\_est3.\*  
4: gb\_est4.\*  
5: gb\_est5.\*  
6: gb\_est6.\*  
7: gb\_est7.\*  
8: gb\_est8.\*  
9: gb\_est9.\*  
10: gb\_est10.\*  
11: gb\_est11.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
c 1	10	50.0	17	1	AW247673 2820207.5
c 2	10	50.0	17	8	CX002089
c 3	10	50.0	27	8	CX001894
c 4	10	50.0	27	10	CZ906749 401100260
c 5	10	50.0	29	10	CG716634 1119045H0
c 6	9	45.0	15	8	CX004758
c 7	9	45.0	15	8	CX004758
c 8	9	45.0	16	8	CX005886
c 9	9	45.0	16	8	CX005886
c 10	9	45.0	15	10	AJ598276 Arabidops
c 11	9	45.0	19	9	AZ655870
c 12	9	45.0	23	9	AZ608730
c 13	9	45.0	23	11	TA151A11P
c 14	9	45.0	26	8	CX002529
c 15	9	45.0	26	8	CX002529
c 16	9	45.0	26	9	AZ602086
c 17	9	45.0	26	11	TA305E07P
c 18	9	45.0	27	8	CX001294
c 19	9	45.0	27	8	CX001294
c 20	9	45.0	27	8	CX001834
c 21	9	45.0	27	8	CX001834
c 22	9	45.0	28	8	CX001634

c 23	9	45.0	28	8	CX001634
c 24	9	45.0	29	8	CX001450
c 25	9	45.0	29	8	CX001450
c 26	9	45.0	29	8	CX003163
c 27	9	45.0	29	8	CX003163
c 28	9	45.0	30	1	AW248317
c 29	9	45.0	30	2	BE727670
c 30	9	45.0	30	2	BE733471
c 31	9	45.0	30	3	BI821434
c 32	9	45.0	30	7	CO786931
c 33	9	45.0	30	8	CX002422
c 34	9	45.0	30	8	CX002422
c 35	9	45.0	30	8	CX003425
c 36	9	45.0	30	8	CX003425
c 37	9	45.0	30	8	DR907866
c 38	9	45.0	30	8	DR907866
c 39	9	45.0	30	10	AG198773
c 40	8	40.0	14	5	BQ590450
c 41	8	40.0	14	8	DR064501
c 42	8	40.0	17	1	AW247673
c 43	8	40.0	17	8	CX002089
c 44	8	40.0	18	10	CL983168
c 45	8	40.0	19	1	AI597783

#### ALIGNMENTS

RESULT 1  
AW247673/c  
LOCUS 2820207.5prime NIH\_MGC\_7 Homo sapiens cDNA clone IMAGE:2820207.5',  
DEFINITION mRNA sequence.  
ACCESSION AW247673  
VERSION AW247673.1 GI:6590666  
KEYWORDS EST.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS NIH-MGC http://mgc.nci.nih.gov/  
TITLE National Institutes of Health, Mammalian Gene Collection (MGC)  
JOURNAL Unpublished (1999)  
COMMENT Other ESTs: 2820207.3prime  
Contact: Robert Strausberg, Ph.D.  
Email: cgapbs-x@mail.nih.gov  
Tissue Procurement: DCTD/DTF cDNA Library Preparation: Ling  
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.  
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing  
project Clone distribution: MGC clone distribution information can  
be found through the I.M.A.G.E. Consortium/LLNL at:  
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality  
Scores: PHRED from University of Washington Genome Center. Vector  
Trimming: cross match from University of Washington Genome Center  
PHRAP suite. Poly-T identification: patMatch.pl from Berkeley  
Drosophila Genome Project. University of Washington Genome Center:  
http://www.genome.washington.edu Low Quality Sequence: 0 contiguous  
PHRED high quality bases following vector sequence. Very Low  
Quality Sequence: Trace file contained 17 contiguous distinct peaks  
following vector sequence.  
Plate: LLCM3 row: J column: 16.  
Location/Qualifiers  
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/organism="Homo sapiens"  
/mol\_type="mRNA"  
/db\_xref="taxon:9606"  
/clone="IMAGE:2820207"  
/tissue\_type="small cell carcinoma"  
/cell\_line="MGC3"  
/lab\_host="DH10B (phage-resistant)"  
/clone\_lib="NIH\_MGC\_7"

/notes="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."

ORIGIN

Query Match 50.0%; Score 10; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 3.4e+05;  
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 GGAGGCTCTG 12  
 |||||  
 Db 14 GGAGGCTCTG 5

RESULT 2

CX002089/c  
 LOCUS  
 DEFINITION iv44g10.g1 Left Cardiac Ventricle (DOGEST7) Canis familiaris cDNA, mRNA sequence.  
 ACCESSION CX002089  
 VERSION CX002089.1 GI:56273505  
 KEYWORDS EST.  
 SOURCE Canis familiaris (dog)  
 ORGANISM Canis familiaris

REFERENCE  
 1 (bases 1 to 17)  
 AUTHORS Baliya,V.S., Nascimento,L.U. and McCombie,W.R.  
 TITLE ESTs from Canis familiaris left cardiac ventricle (dog)  
 JOURNAL Unpublished (2004)  
 COMMENT Contact: W. Richard McCombie  
 Lita Annenberg Hazen Genome Sequencing Center  
 Cold Spring Harbor Laboratory  
 PO Box 100, Cold Spring Harbor, NY 11724, USA  
 Tel: 516 367 8884  
 Fax: 516 367 8874  
 Email: mccombie@cshl.org.  
 Location/Qualifiers  
 1..17  
 /organism="Canis familiaris"  
 /mol\_type="mRNA"  
 /db\_xref="taxon:9615"  
 /sex="Unknown"  
 /tissue\_type="Cardiac muscle"  
 /dev\_stage="3 month old normal canine"  
 /lab\_host="XL10 Gold"

/notes="Organ: Heart; Vector: pBluescript II SK; Site 1: EcoRI; Site 2: XhoI; Library constructed using pBluescript XR kit from Stratagene. Cloned cDNA was size selected between 1-3 kb. Tissue supplied by Mark Haskins VMD, PhD, Pathology and Medical Genetics, School of Veterinary Medicine, University of Pennsylvania, 3800 Spruce Street, Philadelphia, PA 19104-6051"

ORIGIN

Query Match 50.0%; Score 10; DB 8; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 3.4e+05;  
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 GGAGGCTCTG 12  
 |||||  
 Db 13 GGAGGCTCTG 4

RESULT 4

CZ906749  
 LOCUS  
 DEFINITION 4011002G05.1EL y1 4011 - RescueMu Grid J Zea mays genomic, genomic survey sequence.  
 ACCESSION CZ906749  
 VERSION CZ906749.1 GI:71917513  
 KEYWORDS GSS.  
 SOURCE Zea mays  
 ORGANISM Zea mays

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD clade; Panicoideae; Andropogoneae; Zea.

1 (bases 1 to 27)  
 Walbot,V.  
 TITLE Maize genomic sequences found using engineered RescueMu transposon  
 JOURNAL Unpublished (2001)  
 COMMENT Contact: Walbot V  
 Department of Biological Sciences  
 Stanford University  
 855 California Ave, Palo Alto, CA 94304, USA  
 Tel: 650 723 2227  
 Fax: 650 725 8221

LOCUS CX001894  
 DEFINITION iv43f08.g1 Left Cardiac Ventricle (DOGEST7) Canis familiaris cDNA, mRNA sequence.  
 ACCESSION CX001894  
 VERSION CX001894.1 GI:56273310  
 KEYWORDS EST.  
 SOURCE Canis familiaris (dog)  
 ORGANISM Canis familiaris

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Laurasiatheria; Carnivora; Fissipedia; Canidae; Canis.

1 (bases 1 to 27)  
 AUTHORS Baliya,V.S., Nascimento,L.U. and McCombie,W.R.  
 TITLE ESTs from Canis familiaris left cardiac ventricle (dog)  
 JOURNAL Unpublished (2004)  
 COMMENT Contact: W. Richard McCombie  
 Lita Annenberg Hazen Genome Sequencing Center  
 Cold Spring Harbor Laboratory  
 PO Box 100, Cold Spring Harbor, NY 11724, USA  
 Tel: 516 367 8884  
 Fax: 516 367 8874  
 Email: mccombie@cshl.org.  
 Location/Qualifiers  
 1..27  
 /organism="Canis familiaris"  
 /mol\_type="mRNA"  
 /db\_xref="taxon:9615"  
 /sex="Unknown"  
 /tissue\_type="Cardiac muscle"  
 /dev\_stage="3 month old normal canine"  
 /lab\_host="XL10 Gold"  
 /clone\_lib="Left Cardiac Ventricle (DOGEST7)"  
 /note="Organ: Heart; Vector: pBluescript II SK; Site 1: EcoRI; Site 2: XhoI; Library constructed using pBluescript XR kit from Stratagene. Cloned cDNA was size selected between 1-3 kb. Tissue supplied by Mark Haskins VMD, PhD, Pathology and Medical Genetics, School of Veterinary Medicine, University of Pennsylvania, 3800 Spruce Street, Philadelphia, PA 19104-6051"

ORIGIN

Query Match 50.0%; Score 10; DB 8; Length 27;  
 Best Local Similarity 100.0%; Pred. No. 3.4e+05;  
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 GGAGGCTCTG 12  
 |||||  
 Db 13 GGAGGCTCTG 4

RESULT 4

CZ906749  
 LOCUS  
 DEFINITION 4011002G05.1EL y1 4011 - RescueMu Grid J Zea mays genomic, genomic survey sequence.  
 ACCESSION CZ906749  
 VERSION CZ906749.1 GI:71917513  
 KEYWORDS GSS.  
 SOURCE Zea mays  
 ORGANISM Zea mays

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD clade; Panicoideae; Andropogoneae; Zea.

1 (bases 1 to 27)  
 Walbot,V.  
 TITLE Maize genomic sequences found using engineered RescueMu transposon  
 JOURNAL Unpublished (2001)  
 COMMENT Contact: Walbot V  
 Department of Biological Sciences  
 Stanford University  
 855 California Ave, Palo Alto, CA 94304, USA  
 Tel: 650 723 2227  
 Fax: 650 725 8221

Email: walbot@stanford.edu  
 Very probable ligation site of ends cut by single endonuclease.  
 Reverse complemented post-ligation sequence from source sequence.  
 Plate: 4011002 row: G column: 05  
 Class: transposon-tagged.

# FEATURES

source

1. .27

/organism="Zea mays"  
 /mol\_type="genomic DNA"  
 /cultivar="mixed background W23/A188/B73/K55"  
 /db\_xref="taxon:4577"  
 /tissue\_type="leaf"  
 /dev\_stage="adult"  
 /lab\_host="DH10B"  
 /clone\_lib="4011 - RescueMu Grid J"

/note="Organ: leaf; Vector: RescueMu (engineered from pBluescript backbone); Site 1: BamHI; Site 2: BglII; RescueMu is a 4.9 kb, modified maize Mu transposon designed to allow plasmid rescue from total genomic DNA. Mu elements insert preferentially into transcription units. For more information on RescueMu, go to the web site 'http://www.mutransposon.org/project/RescueMu/'. Grid J was grown at UCSD in 2000. DNA was extracted from leaf strips, double digested using BamHI and BglII, and ligated to form circular plasmids. DH10B cells were transformed and then screened on LB plates with ampicillin."

# ORIGIN

Query Match 50.0%; Score 10; DB 10; Length 27;  
 Best Local Similarity 100.0%; Pred. No. 3.4e+05;  
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 11 CGCTCAGAAA 20

Db 8 CGCTCAGAAA 17

# RESULT 5

CG716634/c  
 LOCUS 29 bp DNA linear GSS 20-OCT-2003  
 DEFINITION 119045H09.2EL x2 1119 - RescueMu Grid AA Zea mays genomic, genomic survey sequence.

ACCESSION CG716634

VERSION CG716634.1 GI:37745145

KEYWORDS GSS.

SOURCE Zea mays

ORGANISM Zea mays

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD clade; Panicoideae; Andropogoneae; Zea.

1 (bases 1 to 29)

REFERENCE Walbot, V.

AUTHORS Maize genomic sequences found using engineered RescueMu transposon

JOURNAL Unpublished (2001)

COMMENT Contact: Walbot V

Department of Biological Sciences

Stanford University

855 California Ave, Palo Alto, CA 94304, USA

Tel: 650 723 2227

Fax: 650 725 8221

Email: walbot@stanford.edu

Possible ligation site of ends cut by 2 different endonucleases.

Reverse complemented post-ligation sequence from source sequence.

Plate: 1119045 row: H column: 09

Class: transposon-tagged.

Location/Qualifiers

1. .29

/organism="Zea mays"

/mol\_type="genomic DNA"

/cultivar="mixed background W23/A188/B73/K55"

/db\_xref="taxon:4577"

/tissue\_type="leaf"

/dev\_stage="adult"

# ORIGIN

Query Match 45.0%; Score 9; DB 8; Length 15;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+06;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 GAGGCTCG 12

/lab\_host="DH10B"  
 /clone\_lib="1119 - RescueMu Grid AA"  
 /note="Organ: leaf; Vector: RescueMu (engineered from pBluescript backbone); Site 1: BamHI; Site 2: BglII; RescueMu is a 4.9 kb, modified maize Mu transposon designed to allow plasmid rescue from total genomic DNA. Mu elements insert preferentially into transcription units. For more information on RescueMu, go to the web site 'www.zmldb.iastate.edu' and follow the links for 'RescueMu.' Grid AA was grown at UC San Diego in 2002. DNA was extracted from leaf strips, double digested using BamHI and BglII, and ligated to form circular plasmids. DH10B cells were transformed and then screened on LB plates with ampicillin."

# ORIGIN

Query Match 50.0%; Score 10; DB 10; Length 29;  
 Best Local Similarity 100.0%; Pred. No. 3.4e+05;  
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GCCTCGCTCA 16

Db 20 GCCTCGCTCA 11

# RESULT 6

LOCUS 15 bp mRNA linear EST 03-DEC-2004  
 DEFINITION iv30b03.b1 Brain - Cerebellum Library (DOGEST8) Canis familiaris cDNA, mRNA sequence.

ACCESSION CX004758

VERSION CX004758.1 GI:56276174

KEYWORDS EST.

SOURCE Canis familiaris (dog)

ORGANISM Canis familiaris

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Laurasiatheria; Carnivora; Fissipedia; Canidae;

Canis.

1 (bases 1 to 15)

REFERENCE Baliya, V., Nascimento, L.U. and McCombie, W.R.

AUTHORS ESTs from Canis familiaris cerebellum (dog)

JOURNAL Unpublished (2004)

COMMENT Contact: W. Richard McCombie

Lita Annenberg Hazen Genome Sequencing Center

Cold Spring Harbor Laboratory

PO Box 100, Cold Spring Harbor, NY 11724, USA

Tel: 516 367 8884

Fax: 516 367 8874

Email: mccombie@cshl.org.

Location/Qualifiers

1. .15

/organism="Canis familiaris"

/mol\_type="mRNA"

/db\_xref="taxon:9615"

/sex="Unknown"

/tissue\_type="Cerebellum"

/dev\_stage="3 month old normal canine"

/lab\_host="XL10 Gold"

/clone\_lib="Brain - Cerebellum Library (DOGEST8)"

/note="Organ: Brain; Vector: pBluescript II SK; Site 1:

ECORI; Site 2: XhoI; Library constructed using pBluescript

XR kit from Stratagene. Cloned cDNA was size selected

between 1-3 kb. Mark Haskins VMD, PhD, Pathology and

Medical Genetics, School of Veterinary Medicine,

University of Pennsylvania, 3800 Spruce Street,

Philadelphia, PA 19104-6051"

```

Db          |||||
            4 GAGGCCTCG 12

RESULT 7
LOCUS      CX004758/c
DEFINITION 15 bp mRNA linear EST 03-DEC-2004
            iv30b03.b1 Brain - Cerebellum Library (DOGEST8) Canis familiaris
            cDNA, mRNA sequence.
ACCESSION  CX004758
VERSION     CX004758.1 GI:56276174
KEYWORDS   EST.
SOURCE     Canis familiaris (dog)
ORGANISM   Canis familiaris
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Laurasiatheria; Carnivora; Fissipedia; Canidae;
            Canis.
REFERENCE  1 (bases 1 to 15)
AUTHORS   Balijs V., Nascimben L.U. and McCombie, W.R.
TITLE     ESTs from Canis familiaris cerebellum (dog)
JOURNAL   Unpublished (2004)
COMMENT   Contact: W. Richard McCombie
            Lita Annenberg Hazen Genome Sequencing Center
            Cold Spring Harbor Laboratory
            PO Box 100, Cold Spring Harbor, NY 11724, USA
            Tel: 516 367 8884
            Fax: 516 367 8874
            Email: mcombie@cshl.org.

FEATURES             source
            1..15
            /organism="Canis familiaris"
            /mol_type="mRNA"
            /db_xref="taxon:9615"
            /sex="Unknown"
            /tissue_type="Cerebellum"
            /dev_stage="3 month old normal canine"
            /clone_lib="Brain - Cerebellum Library (DOGEST8)"
            /note="Organ: Brain; Vector: pBluescript II SK; Site 1:
            EcoRI; Site 2: XhoI; Library constructed using pBluescript
            XR kit from Stratagene. Cloned cDNA was size selected
            between 1-3 kb. Mark Haskins VMD, PhD, Pathology and
            Medical Genetics, School of Veterinary Medicine,
            University of Pennsylvania, 3800 Spruce Street,
            Philadelphia, PA 19104-6051"

ORIGIN
Query Match      45.0%; Score 9; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 GAGGCCTCG 12
        |||||
Db      5 GAGGCCTCG 13

RESULT 9
LOCUS    CX005886/c
DEFINITION 16 bp mRNA linear EST 03-DEC-2004
            iv22g03.g1 Brain - Cerebellum Library (DOGEST8) Canis familiaris
            cDNA, mRNA sequence.
ACCESSION CX005886
VERSION    CX005886.1 GI:56277302
KEYWORDS   EST.
SOURCE     Canis familiaris (dog)
ORGANISM   Canis familiaris
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Laurasiatheria; Carnivora; Fissipedia; Canidae;
            Canis.
REFERENCE  1 (bases 1 to 16)
AUTHORS   Balijs V., Nascimben L.U. and McCombie, W.R.
TITLE     ESTs from Canis familiaris cerebellum (dog)
JOURNAL   Unpublished (2004)
COMMENT   Contact: W. Richard McCombie
            Lita Annenberg Hazen Genome Sequencing Center
            Cold Spring Harbor Laboratory
            PO Box 100, Cold Spring Harbor, NY 11724, USA
            Tel: 516 367 8884
            Fax: 516 367 8874
            Email: mcombie@cshl.org.

FEATURES             source
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            /organism="Canis familiaris"
            /mol_type="mRNA"
            /db_xref="taxon:9615"
            /sex="Unknown"
            /tissue_type="Cerebellum"
            /dev_stage="3 month old normal canine"
            /clone_lib="Brain - Cerebellum Library (DOGEST8)"
            /note="Organ: Brain; Vector: pBluescript II SK; Site 1:
            EcoRI; Site 2: XhoI; Library constructed using pBluescript
            XR kit from Stratagene. Cloned cDNA was size selected
            between 1-3 kb. Mark Haskins VMD, PhD, Pathology and
            Medical Genetics, School of Veterinary Medicine,
            University of Pennsylvania, 3800 Spruce Street,
            Philadelphia, PA 19104-6051"

ORIGIN
Query Match      45.0%; Score 9; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 GAGGCCTCG 12
        |||||
Db      5 GAGGCCTCG 13

RESULT 9
LOCUS    CX005886/c
DEFINITION 16 bp mRNA linear EST 03-DEC-2004
            iv22g03.g1 Brain - Cerebellum Library (DOGEST8) Canis familiaris
            cDNA, mRNA sequence.
ACCESSION CX005886
VERSION    CX005886.1 GI:56277302
KEYWORDS   EST.
SOURCE     Canis familiaris (dog)
ORGANISM   Canis familiaris
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Laurasiatheria; Carnivora; Fissipedia; Canidae;
            Canis.
REFERENCE  1 (bases 1 to 16)
AUTHORS   Balijs V., Nascimben L.U. and McCombie, W.R.
TITLE     ESTs from Canis familiaris cerebellum (dog)
JOURNAL   Unpublished (2004)
COMMENT   Contact: W. Richard McCombie
            Lita Annenberg Hazen Genome Sequencing Center
            Cold Spring Harbor Laboratory
            PO Box 100, Cold Spring Harbor, NY 11724, USA
            Tel: 516 367 8884
            Fax: 516 367 8874
            Email: mcombie@cshl.org.

FEATURES             source
            1..16
            /organism="Canis familiaris"
            /mol_type="mRNA"
            /db_xref="taxon:9615"
            /sex="Unknown"
            /tissue_type="Cerebellum"
            /dev_stage="3 month old normal canine"
            /clone_lib="Brain - Cerebellum Library (DOGEST8)"
            /note="Organ: Brain; Vector: pBluescript II SK; Site 1:
            EcoRI; Site 2: XhoI; Library constructed using pBluescript
            XR kit from Stratagene. Cloned cDNA was size selected
            between 1-3 kb. Mark Haskins VMD, PhD, Pathology and
            Medical Genetics, School of Veterinary Medicine,
            University of Pennsylvania, 3800 Spruce Street,
            Philadelphia, PA 19104-6051"

ORIGIN
Query Match      45.0%; Score 9; DB 8; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 GAGGCCTCG 12
        |||||
Db      11 GAGGCCTCG 3

RESULT 8
LOCUS    CX005886
DEFINITION 16 bp mRNA linear EST 03-DEC-2004
            iv22g03.g1 Brain - Cerebellum Library (DOGEST8) Canis familiaris
            cDNA, mRNA sequence.
ACCESSION CX005886
VERSION    CX005886.1 GI:56277302
KEYWORDS   EST.
SOURCE     Canis familiaris (dog)
ORGANISM   Canis familiaris
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Laurasiatheria; Carnivora; Fissipedia; Canidae;
            Canis.
REFERENCE  1 (bases 1 to 16)
AUTHORS   Balijs V., Nascimben L.U. and McCombie, W.R.
TITLE     ESTs from Canis familiaris cerebellum (dog)
JOURNAL   Unpublished (2004)

```

Medical Genetics, School of Veterinary Medicine,  
University of Pennsylvania, 3800 Spruce Street,  
Philadelphia, PA 19104-6051"

ORIGIN

Query Match 45.0%; Score 9; DB 8; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.3e+06;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 GAGGCTCG 12  
| | | | | | | |  
Db 12 GAGGCTCG 4

RESULT 10

AJ598276

LOCUS

DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone 465B07, genomic survey sequence.

ACCESSION AJ598276

VERSION AJ598276.1 GI:37947904

KEYWORDS GSS; left border; T-DNA flanking sequence.

SOURCE Arabidopsis thaliana (thale cress)

ORGANISM Arabidopsis thaliana

Eukaryota; Viridiplantae; Streptophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicotyledons; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.

REFERENCE 1

AUTHORS Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, P., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Leclarny, A.

TITLE T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites

JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)

PUBMED 12446565

REFERENCE 2 (bases 1 to 16)

AUTHORS Balzerque, S.

TITLE Direct Submission

JOURNAL Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE

COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment (s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplatte' (<http://www.genoplatte.com> and <http://genoplatte-info.infobiogen.fr/>).

FEATURES

source

1..16

/organism="Arabidopsis thaliana"

/mol\_type="genomic DNA"

/db\_xref="taxon:3702"

/clone="465B07"

/ecotype="Wassilewskija"

misc\_feature

1..16

/note="T-DNA flanking sequence left border"

ORIGIN

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Best Local Similarity 100.0%; Pred. No. 1.3e+06;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 AGGCTGCG 13  
| | | | | | | |  
Db 1 AGGCTGCG 9

RESULT 11

AZ655870

LOCUS

DEFINITION 19 bp DNA linear GSS 14-DEC-2000

ACCESSION AZ655870

VERSION AZ655870

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE 1 (bases 1 to 19)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weiss  
University of Utah  
Genome Center  
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

FEATURES

source

1..19

/organism="Mus musculus"

/mol\_type="genomic DNA"

/strain="C57BL/6J"

/db\_xref="taxon:10090"

/clone="UUGC1M0531N06"

/sex="Male"

/lab\_host="E. Coli strain XL10-Gold, Ti-resistant, F-"

/clone\_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42rv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

High quality sequence stop: 19.

Location/Qualifiers

1..19

/organism="Mus musculus"

/mol\_type="genomic DNA"

/strain="C57BL/6J"

/db\_xref="taxon:10090"

/clone="UUGC1M0531N06"

/sex="Male"

/lab\_host="E. Coli strain XL10-Gold, Ti-resistant, F-"

/clone\_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42rv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

ORIGIN

Query Match 45.0%; Score 9; DB 9; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.3e+06;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 10 TCGCTCAGA 18  
| | | | | | | |  
Db 7 TCGCTCAGA 15

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RESULT 12
AZ608730
LOCUS
DEFINITION
  1M0433E07F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
  clone UUGC1M0433E07 F, genomic survey sequence.
ACCESSION
  AZ608730
VERSION
  GSS.
KEYWORDS
  GSS.
SOURCE
  Mus musculus (house mouse)
ORGANISM
  Mus musculus
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia;
  Sciurognathi; Muridea; Muridae; Murinae; Mus.
REFERENCE
  1 (bases 1 to 23)
  Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
  Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
  Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
  Niederhausern,A. and Wright,D. Weiss,R.
  Mouse whole genome scaffolding with paired end reads from 10kb
  plasmid inserts
  Unpublished (2000)
JOURNAL
  Contact: Robert B. Weiss
  University of Utah Genome Center
  University of Utah
COMMENT
  Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
  84112, USA
  Tel: 801 585 5606
  Fax: 801 585 7177
  Email: ddunn@genetics.utah.edu
  Insert Length: 10000 Std Error: 0.00
  Plate: 0433 row: E column: 07
  Seq primer: CGTGTAAACGACGCGCCAGT
  Class: plasmid ends
  High quality sequence stop: 23.
FEATURES
  source
  1..23
  /organism="Mus musculus"
  /mol_type="genomic DNA"
  /strain="C57BL/6J"
  /db_xref="taxon:10090"
  /clone="UUGC1M0433E07"
  /sex="Male"
  /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
  /clone_lib="Mouse 10kb plasmid UUGC1M library"
  /notes="vector: PWD42nv; Purified genomic DNA from M.
  musculus C57BL/6J (male) was obtained from the Jackson
  Laboratory Mouse DNA Resource
  (http://www.jax.org/resources/documents/dnares/). The DNA
  was hydrodynamically sheared by repeated passage through a
  0.005 inch orifice at constant velocity. The sheared DNA
  was blunt end-repaired with T4 DNA polymerase and T4
  polynucleotide kinase. Adaptor oligonucleotides were
  ligated to the blunt ends in high molar excess. The
  adaptor DNA was purified and size-selected for a 9.5 to
  10.5 kb range using preparative agarose gel
  electrophoresis. Vector DNA was prepared from a derivative
  of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
  inducible derivative of plasmid R1. The vector was ligated
  with adaptors complementary to the insert adaptors and
  purified. The sheared, adaptor mouse DNA was annealed to
  adaptor vector DNA, and transformed into
  chemically-competent E. coli XL10-Gold (Stratagene) cells
  and selected for ampicillin resistance."
ORIGIN
  Query Match 45.0%; Score 9; DB 9; Length 23;
  Best Local Similarity 100.0%; Pred. No. 1.3e+06;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

  Oy 6 GGCTCGCT 14
  Db 14 GGCTCGCT 22

RESULT 13
TA151A11P/c
LOCUS
DEFINITION
  T. brucei sheared genomic DNA clone 151a11, forward sequence,
  genomic survey sequence.
ACCESSION
  AL467311
VERSION
  AL467311.1 GI:11837215
KEYWORDS
  GSS.
SOURCE
  Trypanosoma brucei
  Trypanosoma brucei
  Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
  Trypanosoma.
REFERENCE
  1 (bases 1 to 23)
  Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
  Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
  Melville,S.E., Rajandream,M.A. and Barrell,B.G.
  Direct Submission
  Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
  project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
  Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
  nh@sanger.ac.uk
  Constructed at the Institute for Genomic Research (TIGR),
  Rockville, MD. Genomic DNA isolated from a cloned population of
  Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
  to give a tight size distribution (
  4 kb). The v + i method used for the library construction is
  described in detail in Smith, H. and Venter, J.C. (Making small
  insert libraries for whole genome shotgun sequencing projects. In
  Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
  Barrell, Oxford University Press, 1999).
  Email: nelsayed@tigr.org
  Details of T. brucei sequencing at the Sanger Centre are available
  at http://www.sanger.ac.uk/Projects/T_brucei/.
FEATURES
  Location/Qualifiers
  1..23
  /organism="Trypanosoma brucei"
  /mol_type="genomic DNA"
  /strain="TREU927"
  /db_xref="taxon:5691"
  /clone="151a11"
ORIGIN
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  Best Local Similarity 100.0%; Pred. No. 1.3e+06;
  Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

  Oy 10 TCGCTCAGA 18
  Db 19 TCGCTCAGA 11

RESULT 14
LOCUS
DEFINITION
  iv32c12.b1 Left Cardiac Ventricle (DOGE5T7) Canis familiaris cDNA,
  mRNA sequence.
ACCESSION
  CX002529
VERSION
  CX002529.1 GI:56273945
KEYWORDS
  EST.
SOURCE
  Canis familiaris (dog)
  Canis familiaris
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Laurasiatheria; Carnivora; Fissipedia; Canidae;
  Canis.
REFERENCE
  1 (bases 1 to 26)
  Ballia,V.S., Nascimben,L.U. and McCombie,W.R.
  ESTs from Canis familiaris left cardiac ventricle (dog)
  Unpublished (2004)
JOURNAL
  Contact: W. Richard McCombie
  Lita Annenberg Hazen Genome Sequencing Center
  Cold Spring Harbor Laboratory

```

PO Box 100, Cold Spring Harbor, NY 11724, USA  
 Tel: 516 367 8884  
 Fax: 516 367 8874  
 Email: mcombie@cshl.org.

## FEATURES

source

1. .26

Location/Qualifiers  
 /organism="Canis familiaris"  
 /mol\_type="mRNA"  
 /db\_xref="taxon:9615"  
 /sex="Unknown"  
 /tissue\_type="Cardiac muscle"  
 /dev\_stage="3 month old normal canine"  
 /lab\_host="XL10 Gold"  
 /clone\_lib="Left Cardiac Ventricle (DOGESt7)"  
 /note="Organ: Heart; Vector: pBluescript II SK; Site\_1:  
 EcoRI; Site\_2: XhoI; Library constructed using pBluescript  
 XR kit from Stratagene. Cloned cDNA was size selected  
 between 1-3 kb. Tissue supplied by Mark Haskins VMD, PhD,  
 Pathology and Medical Genetics, School of Veterinary  
 Medicine, University of Pennsylvania, 3800 Spruce Street,  
 Philadelphia, PA 19104-6051"

## ORIGIN

Query Match 45.0%; Score 9; DB 8; Length 26;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+06;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 GAGGCCTCG 12

|||||||

Db 15 GAGGCCTCG 23

## RESULT 15

CX002529/c  
LOCUS

DEFINITION iv32ci2.b1 Left Cardiac Ventricle (DOGESt7) Canis familiaris cDNA,  
 mRNA sequence.

CX002529

CX002529.1 GI:56273945

EST.

Canis familiaris (dog)

Canis familiaris

Mammalia; Eutheria; Laurasiatheria; Carnivora; Fissipedia; Canidae;  
 Canis.

1 (bases 1 to 26)

Balija, V.S., Nascimmento, L.U. and McCombie, W.R.

ESTs from Canis familiaris left cardiac ventricle (dog)

Unpublished (2004)

Contact: W. Richard McCombie

Lita Annenberg Hazen Genome Sequencing Center

Cold Spring Harbor Laboratory

PO Box 100, Cold Spring Harbor, NY 11724, USA

Tel: 516 367 8884

Fax: 516 367 8874

Email: mcombie@cshl.org.

Location/Qualifiers

1. .26

/organism="Canis familiaris"

/mol\_type="mRNA"

/db\_xref="taxon:9615"

/sex="Unknown"

/tissue\_type="Cardiac muscle"

/dev\_stage="3 month old normal canine"

/lab\_host="XL10 Gold"

/clone\_lib="Left Cardiac Ventricle (DOGESt7)"

/note="Organ: Heart; Vector: pBluescript II SK; Site\_1:  
 EcoRI; Site\_2: XhoI; Library constructed using pBluescript  
 XR kit from Stratagene. Cloned cDNA was size selected  
 between 1-3 kb. Tissue supplied by Mark Haskins VMD, PhD,  
 Pathology and Medical Genetics, School of Veterinary  
 Medicine, University of Pennsylvania, 3800 Spruce Street,  
 Philadelphia, PA 19104-6051"

## ORIGIN

Query Match 45.0%; Score 9; DB 8; Length 26;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+06;  
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 GAGGCCTCG 12

|||||||

Db 22 GAGGCCTCG 14

Search completed: March 22, 2006, 12:57:06  
 Job time : 1894 secs

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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 22, 2006, 11:02:34 ; Search time 469 Seconds  
(without alignments)  
284.209 Million cell updates/sec

Title: US-10-800-077-231

Perfect score: 20

Sequence: 1 atggagcctcgctcagaaa 20

Scoring table: OLIGO NUC

Gapop 60.0 , Gapext 60.0

Searched: 4996997 seqs, 332346308 residues

Word size : 0

Total number of hits satisfying chosen parameters: 4138570

Minimum DB seq length: 0

Maximum DB seq length: 30

Post-processing: Listing first 45 summaries

Database : N Geneseq 21.\*

- 1: geneseqn1980s.\*
- 2: geneseqn1990s.\*
- 3: geneseqn2000s.\*
- 4: geneseqn2001as.\*
- 5: geneseqn2001bs.\*
- 6: geneseqn2002as.\*
- 7: geneseqn2002bs.\*
- 8: geneseqn2003as.\*
- 9: geneseqn2003bs.\*
- 10: geneseqn2003cs.\*
- 11: geneseqn2003ds.\*
- 12: geneseqn2004as.\*
- 13: geneseqn2004bs.\*
- 14: geneseqn2005s.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	20	100.0	20	13	Adr86727 Human eph
2	20	100.0	20	13	Adr86753 Human eph
3	20	100.0	20	13	Adr86933 Human eph
4	20	100.0	20	13	Adr82318 Human Eph
5	20	100.0	20	13	Adr82293 Human Eph
6	20	100.0	20	13	Adr82488 Human Eph
7	18	90.0	20	13	Adr86823 Human eph
8	18	90.0	20	13	Adr82378 Human Eph
9	13	65.0	16	2	Aav21315 Antisense
c 10	13	65.0	16	2	Aav21314 Immunoglo
c 11	13	65.0	21	13	Adq92609 Androgen
12	12	60.0	15	2	Aax75693 Human flt
13	12	60.0	17	2	Aax69359 Human flt
14	12	60.0	17	11	Aeb58330 Human VEG
15	12	60.0	19	8	Abq83968 Lampanct
16	12	60.0	19	10	Adh60350 L. regali
17	12	60.0	19	10	Adh60319 L. regali
18	12	60.0	19	14	Aea61705 Lampanct
19	12	60.0	20	3	Aaz89601 Bovine ER

20	12	60.0	20	9	ABT44413	Abt44413 ChimERIC
21	12	60.0	20	9	ABT44412	Abt44412 ChimERIC
c 22	12	60.0	20	12	ADH58754	Adh58754 Human CDC
23	12	60.0	20	12	ADH58818	Adh58818 Human CDC
c 24	12	60.0	21	2	AAT88408	Aat88408 Human oes
c 25	12	60.0	21	4	AAF97030	Aaf97030 Human gen
c 26	12	60.0	21	6	AAI72149	Aai72149 ER-beta L
27	12	60.0	21	12	ADJ97707	Adj97707 Human Flt
28	12	60.0	21	12	ADJ97709	Adj97709 Human Flt
29	12	60.0	21	12	ADJ97710	Adj97710 Human Flt
30	12	60.0	21	12	ADJ97708	Adj97708 Human Flt
c 31	12	60.0	21	13	ADQ92608	Adq92608 Androgen
32	12	60.0	21	13	ADQ92610	Adq92610 Androgen
c 33	12	60.0	24	2	AAV53717	Aav53717 Nucleotid
34	11	55.0	15	2	AAX31276	Aax31276 Tag seque
c 35	11	55.0	15	4	AAS06926	Aas06926 Oligomer
36	11	55.0	15	6	ABK32230	Abk32230 Human col
37	11	55.0	17	11	ABE58329	Aeb58329 Human VEG
38	11	55.0	18	2	AAT59896	Aat59896 Primer JI
39	11	55.0	19	2	AAX58614	Aax58614 Human APE
c 40	11	55.0	19	3	AAA84978	Aaa84978 Cyclin G1
c 41	11	55.0	19	5	AAH60140	Aah60140 Cyclin G1
c 42	11	55.0	19	12	ADL15493	Adl15493 PCR prime
43	11	55.0	19	14	ADZ81250	Adz81250 Human chr
44	11	55.0	20	2	AAX10188	Aax10188 Human bia
c 45	11	55.0	20	2	AAV08606	Aav08606 Primer AC

#### ALIGNMENTS

RESULT 1  
ADR86727  
ID ADR86727 standard; DNA; 20 BP.  
XX  
AC ADR86727;  
DT 16-DEC-2004 (first entry)  
XX  
DE Human ephrin B4 antisense oligonucleotide seqid 32.  
XX  
KW cytosatic; antiinflammatory; antirheumatic; antipsoriatic;  
KW dermatological; ophthalmological; gene therapy; EphB4; Ephrin B2;  
KW pharmaceutical; cosmetic; diagnostic; Ephrin B2/EphB4 pathway; tumour;  
KW angiogenesis-associated disease; inflammatory disorder;  
KW chronic articular rheumatism; psoriasis; ocular angiogenic disease;  
KW scleroderma; human; ephrin B4; antisense technology;  
KW antisense oligonucleotide; ss.  
XX  
OS Homo sapiens.  
XX  
PN WO2004080425-A2.  
XX  
PD 23-SEP-2004.  
XX  
PF 12-MAR-2004; 2004WO-US007755.  
XX  
PR 12-MAR-2003; 2003US-0454300P.  
PR 12-MAR-2003; 2003US-0454432P.  
XX  
PA (VASG-) VASGENE THERAPEUTICS INC.  
XX  
PI Krasnoperov V, Zozulya S, Keretes N, Reddy R, Gill P;  
XX WPI; 2004-668883/65.  
XX  
DR New soluble polypeptides comprising an extracellular domain of EphB4 or  
XX Ephrin B2 protein for diagnosing or treating cancer or angiogenesis-  
XX associated diseases, such as inflammatory disorders, psoriasis or  
XX scleroderma.  
XX  
PS Example 3; Page 62; 198pp; English.  
XX

CC The invention describes an isolated soluble polypeptide comprising an  
 CC amino acid sequence of an extracellular domain of an EphB4 or Ephrin B2  
 CC protein. The EphB4 or Ephrin B2 polypeptide is a monomer, the EphB4  
 CC polypeptide binds specifically to the Ephrin B2 polypeptide, and the  
 CC Ephrin B2 polypeptide binds specifically to the EphB4 polypeptide. Also  
 CC described are: an antagonist antibody that binds to an extracellular  
 CC domain of the EphB4 or Ephrin B2 protein and inhibits an activity of the  
 CC EphB4 or Ephrin B2; a pharmaceutical or cosmetic composition, or a  
 CC diagnostic kit, comprising the above soluble polypeptide or antagonist  
 CC antibody, and a pharmaceutical carrier; methods of inhibiting  
 CC angiogenesis or inhibiting signaling through Ephrin B2/EphB4 pathway in a  
 CC cell; a method of reducing the growth rate of a tumor; methods for  
 CC treating a patient suffering from a cancer or an angiogenesis-associated  
 CC disease; and a method for identifying a tumor that is suitable for  
 CC treatment with an EphrinB2 or EphB4 antagonist. The polypeptide or  
 CC antibody is useful for manufacturing a medicament for the treatment of  
 CC cancer or an angiogenesis-associated disease. The composition and methods  
 CC are useful for diagnosing or treating cancer or angiogenesis-associated  
 CC diseases, such as inflammatory disorders, chronic articular rheumatism,  
 CC psoriasis, ocular angiogenic diseases or scleroderma. This sequence  
 CC represents a human ephrin B4 antisense oligonucleotide that can be used  
 CC to control EphB4 expression.

SQ Sequence 20 BP; 6 A; 5 C; 6 G; 3 T; 0 U; 0 Other;

Query Match 100.0%; Score 20; DB 13; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 0.05;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGAGGCTCGCTCAGAAA 20  
 |||||  
 Db 1 ATGGAGGCTCGCTCAGAAA 20

RESULT 2  
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 ID ADR86753 standard; DNA; 20 BP.  
 XX ADR86753;  
 XX  
 DT 16-DEC-2004 (first entry)  
 XX  
 XX Human ephrin B4 antisense oligonucleotide seqid 58.  
 XX  
 KW cytostatic; antiinflammatory; antirheumatic; antipsoriatic;  
 KW dermatological; ophthalmological; gene therapy; EphB4; Ephrin B2;  
 KW pharmaceutical; cosmetic; diagnostic; Ephrin B2/EphB4 pathway; tumour;  
 KW angiogenesis-associated disease; inflammatory disorder;  
 KW chronic articular rheumatism; psoriasis; ocular angiogenic disease;  
 KW scleroderma; human; ephrin B4; antisense technology;  
 KW antisense oligonucleotide; ss.

XX Homo sapiens.  
 XX OS  
 XX WO2004080425-A2.  
 XX PD 23-SEP-2004.  
 XX  
 XX 12-MAR-2004; 2004WO-US007755.  
 XX  
 XX 12-MAR-2003; 2003US-0454300P.  
 XX 12-MAR-2003; 2003US-0454432P.  
 XX  
 XX (VASG-) VASGENE THERAPEUTICS INC.  
 XX  
 XX Krasnoperov V, Zozulya S, Keretes N, Reddy R, Gill P;  
 XX WPI; 2004-668883/65.  
 XX

XX New soluble polypeptides comprising an extracellular domain of EphB4 or  
 XX Ephrin B2 protein for diagnosing or treating cancer or angiogenesis-  
 XX associated diseases, such as inflammatory disorders, psoriasis or  
 XX scleroderma.

XX  
 PS Example 5; Page 79; 198pp; English.  
 XX  
 CC The invention describes an isolated soluble polypeptide comprising an  
 CC amino acid sequence of an extracellular domain of an EphB4 or Ephrin B2  
 CC protein. The EphB4 or Ephrin B2 polypeptide is a monomer, the EphB4  
 CC polypeptide binds specifically to the Ephrin B2 polypeptide, and the  
 CC Ephrin B2 polypeptide binds specifically to the EphB4 polypeptide. Also  
 CC described are: an antagonist antibody that binds to an extracellular  
 CC domain of the EphB4 or Ephrin B2 protein and inhibits an activity of the  
 CC EphB4 or Ephrin B2; a pharmaceutical or cosmetic composition, or a  
 CC diagnostic kit, comprising the above soluble polypeptide or antagonist  
 CC antibody, and a pharmaceutical carrier; methods of inhibiting  
 CC angiogenesis or inhibiting signaling through Ephrin B2/EphB4 pathway in a  
 CC cell; a method of reducing the growth rate of a tumor; methods for  
 CC treating a patient suffering from a cancer or an angiogenesis-associated  
 CC disease; and a method for identifying a tumor that is suitable for  
 CC treatment with an EphrinB2 or EphB4 antagonist. The polypeptide or  
 CC antibody is useful for manufacturing a medicament for the treatment of  
 CC cancer or an angiogenesis-associated disease. The composition and methods  
 CC are useful for diagnosing or treating cancer or angiogenesis-associated  
 CC diseases, such as inflammatory disorders, chronic articular rheumatism,  
 CC psoriasis, ocular angiogenic diseases or scleroderma. This sequence  
 CC represents a human ephrin B4 antisense oligonucleotide that can be used  
 CC to control EphB4 expression.

SQ Sequence 20 BP; 6 A; 5 C; 6 G; 3 T; 0 U; 0 Other;

Query Match 100.0%; Score 20; DB 13; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 0.05;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGAGGCTCGCTCAGAAA 20  
 |||||  
 Db 1 ATGGAGGCTCGCTCAGAAA 20

RESULT 3  
 ADR86933  
 ID ADR86933 standard; DNA; 20 BP.  
 XX ADR86933;  
 XX  
 DT 16-DEC-2004 (first entry)  
 XX  
 XX Human ephrin B4 antisense oligonucleotide seqid 238.  
 XX  
 KW cytostatic; antiinflammatory; antirheumatic; antipsoriatic;  
 KW dermatological; ophthalmological; gene therapy; EphB4; Ephrin B2;  
 KW pharmaceutical; cosmetic; diagnostic; Ephrin B2/EphB4 pathway; tumour;  
 KW angiogenesis-associated disease; inflammatory disorder;  
 KW chronic articular rheumatism; psoriasis; ocular angiogenic disease;  
 KW scleroderma; human; ephrin B4; antisense technology;  
 KW antisense oligonucleotide; ss.

XX Homo sapiens.

XX OS

XX WO2004080425-A2.

XX PD 23-SEP-2004.

XX 12-MAR-2004; 2004WO-US007755.

XX 12-MAR-2003; 2003US-0454300P.

XX 12-MAR-2003; 2003US-0454432P.

XX (VASG-) VASGENE THERAPEUTICS INC.

XX Krasnoperov V, Zozulya S, Keretes N, Reddy R, Gill P;

XX WPI; 2004-668883/65.

XX New soluble polypeptides comprising an extracellular domain of EphB4 or

PT Ephrin B2 protein for diagnosing or treating cancer or angiogenesis-  
 PT associated diseases, such as inflammatory disorders, psoriasis or  
 PT scleroderma.  
 XX  
 PS Example 8; Page 94; 198pp; English.  
 XX  
 CC The invention describes an isolated soluble polypeptide comprising an  
 CC amino acid sequence of an extracellular domain of an EphB4 or Ephrin B2  
 CC protein. The EphB4 or Ephrin B2 polypeptide is a monomer, the EphB4  
 CC polypeptide binds specifically to the Ephrin B2 polypeptide, and the  
 CC Ephrin B2 polypeptide binds specifically to the EphB4 polypeptide. Also  
 CC described are: an antagonist antibody that binds to an extracellular  
 CC domain of the EphB4 or Ephrin B2 protein and inhibits an activity of the  
 CC EphB4 or Ephrin B2; a pharmaceutical or cosmetic composition, or a  
 CC diagnostic kit, comprising the above soluble polypeptide or antagonist  
 CC antibody, and a pharmaceutical carrier; methods of inhibiting  
 CC angiogenesis or inhibiting signaling through Ephrin B2/EphB4 pathway in a  
 CC cell; a method of reducing the growth rate of a tumour; methods for  
 CC treating a patient suffering from a cancer or an angiogenesis-associated  
 CC disease; and a method for identifying a tumor that is suitable for  
 CC treatment with an EphrinB2 or EphB4 antagonist. The polypeptide or  
 CC antibody is useful for manufacturing a medicament for the treatment of  
 CC cancer or an angiogenesis-associated disease. The composition and methods  
 CC are useful for diagnosing or treating cancer or angiogenesis-associated  
 CC diseases, such as inflammatory disorders, chronic articular rheumatism,  
 CC psoriasis, ocular angiogenic diseases or scleroderma. This sequence  
 CC represents a human ephrin B4 antisense oligonucleotide that can be used  
 CC to control EphB4 expression.  
 XX  
 SQ Sequence 20 BP; 6 A; 5 C; 6 G; 3 T; 0 U; 0 Other;

Query Match 100.0%; Score 20; DB 13; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 0.05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 20; Conservative 0;

QY 1 ATGGAGGCGCTCGCTCAGAAA 20  
 |||||  
 DB 1 ATGGAGGCGCTCGCTCAGAAA 20

RESULT 4  
 ADR82318  
 ID ADR82318 standard; DNA; 20 BP.  
 XX  
 AC ADR82318;  
 XX  
 DT 16-DEC-2004 (first entry)  
 XX  
 DE Human EphB4 antisense ODN #12.  
 XX  
 KW human; ss; antisense; EphB4; EphrinB2; cancer;  
 KW angiogenesis-associated disease; inflammatory disorder;  
 KW chronic articular rheumatism; psoriasis; ocular angiogenic disease;  
 KW scleroderma; cytostatic; antiinflammatory; antirheumatic; antipsoriatic;  
 KW dermatological; ophthalmological; angiogenesis inhibitor.  
 XX  
 OS Homo sapiens.  
 OS Synthetic.  
 XX  
 PN WO2004080418-A2.  
 XX  
 PD 23-SEP-2004.  
 XX  
 PF 12-MAR-2004; 2004WO-US007491.  
 XX  
 PR 12-MAR-2003; 2003US-0454300P.  
 PR 12-MAR-2003; 2003US-0454432P.  
 XX  
 PA (VASC-) VASGENE THERAPEUTICS INC.  
 XX  
 PI Reddy R, Gill P;  
 XX  
 WIPI; 2004-668879/65.

XX  
 PT New isolated nucleic acid compounds that hybridize to EphB4 or EphrinB2  
 PT transcripts or decrease the expression of EphB4 or EphrinB2 in cells,  
 PT useful for diagnosing or treating cancer or angiogenesis-associated  
 PT diseases.  
 XX

PS Example 5; Page 85; 206pp; English.

XX  
 CC The invention relates to an isolated nucleic acid compound comprising at  
 CC least a portion that hybridizes to an EphB4 or EphrinB2 transcript under  
 CC physiological conditions and decreases the expression of EphB4 or  
 CC EphrinB2 in a cell. The nucleic acid is useful for manufacturing a  
 CC medicament for the treatment of cancer or angiogenesis-associated  
 CC diseases. The composition and methods are useful for diagnosing or  
 CC treating cancer or angiogenesis-associated diseases, such as inflammatory  
 CC disorders, chronic articular rheumatism, psoriasis, ocular angiogenic  
 CC diseases or scleroderma. The present sequence represents a human EphB4  
 CC antisense oligodeoxynucleotide (ODN).

XX Sequence 20 BP; 6 A; 5 C; 6 G; 3 T; 0 U; 0 Other;

Query Match 100.0%; Score 20; DB 13; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 0.05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 20; Conservative 0;

QY 1 ATGGAGGCGCTCGCTCAGAAA 20  
 |||||  
 DB 1 ATGGAGGCGCTCGCTCAGAAA 20

RESULT 5  
 ADR82293  
 ID ADR82293 standard; DNA; 20 BP.  
 XX  
 AC ADR82293;  
 XX  
 DT 16-DEC-2004 (first entry)  
 XX  
 DE Human EphB4 antisense ODN #2.  
 XX

KW human; ss; antisense; EphB4; EphrinB2; cancer;  
 KW angiogenesis-associated disease; inflammatory disorder;  
 KW chronic articular rheumatism; psoriasis; ocular angiogenic disease;  
 KW scleroderma; cytostatic; antiinflammatory; antirheumatic; antipsoriatic;  
 KW dermatological; ophthalmological; angiogenesis inhibitor.  
 XX

OS Homo sapiens.  
 OS Synthetic.  
 XX  
 PN WO2004080418-A2.  
 XX  
 PD 23-SEP-2004.  
 XX  
 PF 12-MAR-2004; 2004WO-US007491.  
 XX  
 PR 12-MAR-2003; 2003US-0454300P.  
 PR 12-MAR-2003; 2003US-0454432P.  
 XX  
 PA (VASC-) VASGENE THERAPEUTICS INC.  
 XX  
 PI Reddy R, Gill P;  
 XX  
 WIPI; 2004-668879/65.

XX  
 PT New isolated nucleic acid compounds that hybridize to EphB4 or EphrinB2  
 PT transcripts or decrease the expression of EphB4 or EphrinB2 in cells,  
 PT useful for diagnosing or treating cancer or angiogenesis-associated  
 PT diseases.  
 XX

PS Example 3; Page 68; 206pp; English.

XX  
 CC The invention relates to an isolated nucleic acid compound comprising at  
 CC least a portion that hybridizes to an EphB4 or EphrinB2 transcript under

CC physiological conditions and decreases the expression of EphB4 or  
CC EphrinB2 in a cell. The nucleic acid is useful for manufacturing a  
CC medicament for the treatment of cancer or angiogenesis-associated  
CC diseases. The composition and methods are useful for diagnosing or  
CC treating cancer or angiogenesis-associated diseases, such as inflammatory  
CC disorders, chronic articular rheumatism, psoriasis, ocular angiogenic  
CC diseases or scleroderma. The present sequence represents a human EphB4  
CC antisense oligodeoxynucleotide (ODN).

XX  
SQ Sequence 20 BP; 6 A; 5 C; 6 G; 3 T; 0 U; 0 Other;

Query Match 100.0%; Score 20; DB 13; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.05;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGAGGCTCGCTCAGAAA 20  
Db 1 ATGGAGGCTCGCTCAGAAA 20  
|||||

RESULT 6  
ADR82488  
ID ADR82488 standard; DNA; 20 BP.  
XX  
AC ADR82488;  
XX  
DT 16-DEC-2004 (first entry)  
XX  
DE Human EphB4 antisense probe #159.  
DE  
KW human; ss; antisense; EphB4; EphrinB2; cancer;  
KW angiogenesis-associated disease; inflammatory disorder;  
KW chronic articular rheumatism; psoriasis; ocular angiogenic disease;  
KW scleroderma; cytostatic; antiinflammatory; antirheumatic; antipsoriatic;  
KW dermatological; ophthalmological; angiogenesis inhibitor; probe.  
XX  
OS Homo sapiens.  
OS Synthetic.  
XX  
PN WO2004080419-A2.  
XX  
PD 23-SEP-2004.  
XX  
PF 12-MAR-2004; 2004WO-US007491.  
XX  
PR 12-MAR-2003; 2003US-0454300P.  
PR 12-MAR-2003; 2003US-0454432P.  
XX  
PA (VASG-) VASGENE THERAPEUTICS INC.  
XX  
PI Reddy R, Gill P;  
XX  
DR WPI; 2004-668879/65.  
XX  
PT New isolated nucleic acid compounds that hybridize to EphB4 or EphrinB2  
PT transcripts or decrease the expression of EphB4 or EphrinB2 in cells,  
PT useful for diagnosing or treating cancer or angiogenesis-associated  
PT diseases.  
XX  
PS Example 8; Page 101; 206pp; English.  
XX  
CC The invention relates to an isolated nucleic acid compound comprising at  
CC least a portion that hybridises to an EphB4 or EphrinB2 transcript under  
CC physiological conditions and decreases the expression of EphB4 or  
CC EphrinB2 in a cell. The nucleic acid is useful for manufacturing a  
CC medicament for the treatment of cancer or angiogenesis-associated  
CC diseases. The composition and methods are useful for diagnosing or  
CC treating cancer or angiogenesis-associated diseases, such as inflammatory  
CC disorders, chronic articular rheumatism, psoriasis, ocular angiogenic  
CC diseases or scleroderma. The present sequence represents a human EphB4  
CC antisense probe.

XX  
SQ Sequence 20 BP; 6 A; 5 C; 6 G; 3 T; 0 U; 0 Other;

Query Match 100.0%; Score 20; DB 13; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.05;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGAGGCTCGCTCAGAAA 20  
Db 1 ATGGAGGCTCGCTCAGAAA 20  
|||||

RESULT 7  
ADR86823  
ID ADR86823 standard; DNA; 20 BP.  
XX  
AC ADR86823;  
XX  
DT 16-DEC-2004 (first entry)  
XX  
DE Human ephrin B4 antisense oligonucleotide seqid 128.  
DE  
KW cytostatic; antiinflammatory; antirheumatic; antipsoriatic;  
KW dermatological; ophthalmological; gene therapy; EphB4; Ephrin B2;  
KW pharmaceutical; cosmetic; diagnostic; Ephrin B2/EphB4 pathway; tumour;  
KW angiogenesis-associated disease; inflammatory disorder;  
KW chronic articular rheumatism; psoriasis; ocular angiogenic disease;  
KW scleroderma; human; ephrin B4; antisense technology;  
KW antisense oligonucleotide; ss.  
XX  
OS Homo sapiens.  
XX  
PN WO2004080425-A2.  
XX  
PD 23-SEP-2004.  
XX  
PF 12-MAR-2004; 2004WO-US007755.  
XX  
PR 12-MAR-2003; 2003US-0454300P.  
PR 12-MAR-2003; 2003US-0454432P.  
XX  
PA (VASG-) VASGENE THERAPEUTICS INC.  
XX  
PI Krasnoperov V, Zozulya S, Keretes N, Reddy R, Gill P;  
XX  
DR WPI; 2004-668883/65.  
XX  
PT New soluble polypeptides comprising an extracellular domain of EphB4 or  
PT Ephrin B2 protein for diagnosing or treating cancer or angiogenesis-  
PT associated diseases, such as inflammatory disorders, psoriasis or  
PT scleroderma.  
XX  
PS Example 8; Page 92; 198pp; English.  
XX  
CC The invention describes an isolated soluble polypeptide comprising an  
CC amino acid sequence of an extracellular domain of an EphB4 or Ephrin B2  
CC protein. The EphB4 or Ephrin B2 polypeptide is a monomer, the EphB4  
CC polypeptide binds specifically to the Ephrin B2 polypeptide, and the  
CC Ephrin B2 polypeptide binds specifically to the EphB4 polypeptide. Also  
CC described are: an antagonist antibody that binds to an extracellular  
CC domain of the EphB4 or Ephrin B2 protein and inhibits an activity of the  
CC EphB4 or Ephrin B2; a pharmaceutical or cosmetic composition, or a  
CC diagnostic kit, comprising the above soluble polypeptide or antagonist  
CC antibody, and a pharmaceutical carrier; methods of inhibiting  
CC angiogenesis or inhibiting signaling through Ephrin B2/EphB4 pathway in a  
CC cell; a method of reducing the growth rate of a tumour; methods for  
CC treating a patient suffering from a cancer or an angiogenesis-associated  
CC disease; and a method for identifying a tumor that is suitable for  
CC treatment with an EphrinB2 or EphB4 antagonist. The polypeptide or  
CC antibody is useful for manufacturing a medicament for the treatment of  
CC cancer or an angiogenesis-associated disease. The composition and methods  
CC are useful for diagnosing or treating cancer or angiogenesis-associated  
CC diseases, such as inflammatory disorders, chronic articular rheumatism,  
CC psoriasis, ocular angiogenic diseases or scleroderma. This sequence  
CC represents a human ephrin B4 antisense oligonucleotide that can be used

```

CC to control EphB4 expression.
XX Sequence 20 BP; 4 A; 5 C; 7 G; 4 T; 0 U; 0 Other;
SQ Query Match 90.0%; Score 18; DB 13; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.74;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGCGCTCGCTCAGA 18
Db |||||
3 ATGAGGCGCTCGCTCAGA 20

RESULT 8
ADR82378
ID ADR82378 standard; DNA; 20 BP.
XX ADR82378;
AC
XX 16-DEC-2004 (first entry)
XX Human EphB4 antisense probe #49.
XX human; ss; antisense; EphB4; EphrinB2; cancer;
XX angiogenesis-associated disease; inflammatory disorder;
XX chronic articular rheumatism; psoriasis; ocular angiogenic disease;
XX scleroderma; cystostatic; antinflammatory; antirheumatic; antipsoriatic;
XX dermatological; ophthalmological; angiogenesis inhibitor; probe.
XX Homo sapiens.
XX Synthetic.
XX WO2004080418-A2.
XX 23-SEP-2004.
XX 12-MAR-2004; 2004WO-US007491.
XX 12-MAR-2003; 2003US-0454300P.
XX 12-MAR-2003; 2003US-0454432P.
XX (VASG-) VASGENE THERAPEUTICS INC.
XX Reddy R, Gill P;
XX WPI; 2004-668879/65.
XX New isolated nucleic acid compounds that hybridize to EphB4 or EphrinB2
XX transcripts or decrease the expression of EphB4 or EphrinB2 in cells,
XX useful for diagnosing or treating cancer or angiogenesis-associated
XX diseases.
XX Example 8; Page 99; 206pp; English.
XX The invention relates to an isolated nucleic acid compound comprising at
XX least a portion that hybridizes to an EphB4 or EphrinB2 transcript under
XX physiological conditions and decreases the expression of EphB4 or
XX EphrinB2 in a cell. The nucleic acid is useful for manufacturing a
XX medicament for the treatment of cancer or angiogenesis-associated
XX diseases. The composition and methods are useful for diagnosing or
XX treating cancer or angiogenesis-associated diseases, such as inflammatory
XX disorders, chronic articular rheumatism, psoriasis, ocular angiogenic
XX diseases or scleroderma. The present sequence represents a human EphB4
XX antisense probe.
XX Sequence 20 BP; 4 A; 5 C; 7 G; 4 T; 0 U; 0 Other;
SQ Query Match 90.0%; Score 18; DB 13; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.74;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGCGCTCGCTCAGA 18
Db |||||

CC to control EphB4 expression.
XX Sequence 20 BP; 4 A; 5 C; 7 G; 4 T; 0 U; 0 Other;
SQ Query Match 90.0%; Score 18; DB 13; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.74;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGCGCTCGCTCAGA 18
Db |||||
3 ATGAGGCGCTCGCTCAGA 20

RESULT 9
AAV21315
ID AAV21315 standard; DNA; 16 BP.
XX AAV21315;
AC AAV21315;
XX 14-AUG-1998 (first entry)
XX Antisense immunoglobulin I Gamma4-C epsilon "core" bridging molecule 2.
XX ss; Ig; heavy chain; stimulation; inhibition; treatment; IgM; IgG; IgA;
XX IgE; isotype switching; allergy; autoimmune; alloimmune.
XX Synthetic.
XX Homo sapiens.
XX WO9807738-A1.
XX 26-FEB-1998.
XX 15-AUG-1997; 97WO-US015485.
XX 19-AUG-1996; 96US-0023579P.
XX (REGC ) UNIV CALIFORNIA.
XX Saxon AW, Ke Z, Fujieda S;
XX WPI; 1998-179050/16.
XX New immunoglobulin trans-spliced transcripts - used for, e.g. stimulating
XX or inhibiting synthesis of particular immunoglobulin isotype, useful for
XX treating immune disorders.
XX Claim 18; Page 61; 83pp; English.
XX The nucleotides AAV21302-V21325 are examples of immunoglobulin trans-
XX spliced transcripts and the corresponding antisense molecules. The
XX transcripts comprise a sequence capable of annealing to a human genomic
XX immunoglobulin (Ig) heavy chain I region of a locus selected from mu,
XX epsilon, alpha and gamma followed by a second sequence capable of
XX annealing to a region of a second locus selected from mu, epsilon, alpha
XX and gamma as above. The products can be used for stimulating or
XX inhibiting synthesis of a particular human Ig isotype. They can be used
XX for treating disorders mediated by IgM, IgG, IgA or IgE, in particular
XX for inhibiting IgE synthesis or isotype switching to IgE for treating
XX allergic disorders. They can also be used for treating autoimmune and
XX autoimmune diseases amongst others
XX SQ Sequence 16 BP; 1 A; 4 C; 7 G; 4 T; 0 U; 0 Other;
Query Match 65.0%; Score 13; DB 2; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TGGAGGCGCTCGCT 14
Db |||||
3 TGGAGGCGCTCGCT 15

RESULT 10
AAV21314/C
ID AAV21314 standard; DNA; 16 BP.
XX AAV21314;
AC AAV21314;
XX 14-AUG-1998 (first entry)
XX Immunoglobulin I Gamma4-C epsilon "core" bridging molecule 2.
XX DE
XX

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KW ss: Ig; heavy chain; stimulation; inhibition; treatment; IgM; IgG; IgA;
KW IgB; isotype switching; allergy; autoimmune; alloimmune.
XX
OS Synthetic.
OS Homo sapiens.
XX
XX PN WO9807738-A1.
XX
XX PD 26-FEB-1998.
XX
XX PF 15-AUG-1997; 97WO-US015485.
XX
XX PR 19-AUG-1996; 96US-0023579P.
XX
XX PA (REGC ) UNIV CALIFORNIA.
XX
XX PI Saxon AW, Ke Z, Fujieda S;
XX
XX DR WPI; 1998-179050/16.
XX
XX PT New immunoglobulin trans-spliced transcripts - used for, e.g. stimulating
XX PT or inhibiting synthesis of particular immunoglobulin isotype, useful for
XX PT treating immune disorders.
XX
XX PS Claim 8; Page 61; 83pp; English.
XX
XX CC The nucleotides AAV21302-V21325 are examples of immunoglobulin trans-
XX CC spliced transcripts and the corresponding antisense molecules. The
XX CC transcripts comprise a sequence capable of annealing to a human genomic
XX CC immunoglobulin (Ig) heavy chain I region of a locus selected from mu,
XX CC epsilon, alpha and gamma followed by a second sequence capable of
XX CC annealing to a region of a second locus selected from mu, epsilon, alpha
XX CC and gamma as above. The products can be used for stimulating or
XX CC inhibiting synthesis of a particular human Ig isotype. They can be used
XX CC for treating disorders mediated by IgM, IgG, IgA or IgE, in particular
XX CC for inhibiting IgE synthesis or isotype switching to IgE for treating
XX CC allergic disorders. They can also be used for treating autoimmune and
XX CC alloimmune diseases amongst others
XX
XX SQ Sequence 16 BP; 4 A; 7 C; 4 G; 1 T; 0 U; 0 Other;

Query Match 65.0%; Score 13; DB 2; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TGGAGGCGCTCGCT 14
Db 14 TGGAGGCGCTCGCT 2
|||||
|||||

RESULT 11
ADQ92609/c
ID ADQ92609 standard; RNA; 21 BP.
XX
XX AC ADQ92609;
XX
XX DT 21-OCT-2004 (first entry)
XX
XX DE Androgen receptor siRNA sense strand, SEQ ID 185.
XX
XX KW Endocrine; Antiseborrheic; Dermatological; Depilatory; RNA interference;
XX KW small interfering RNA; siRNA;
XX KW androgen signal transduction pathway protein;
XX KW androgen signal transduction; androgen receptor; hair loss;
XX KW hyperandrogenic condition; androgenic alopecia; male pattern alopecia;
XX KW acne vulgaris; seborrhea; female hirsutism; prostatic hypertrophy; ds.
XX
XX OS Synthetic.
XX
XX FH Key Location/Qualifiers
XX FT misc_feature 20..21
XX FT /*tag= a
XX FT /note= "2 deoxynucleotide overhang"
XX

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XX WO2004063331-A2.
XX
XX PD 29-JUL-2004.
XX
XX PF 05-JAN-2004; 2004WO-US000128.
XX
XX PR 03-JAN-2003; 2003US-0437842P.
XX
XX PA (GENC-) GENCIA CORP.
XX
XX PI Kahn S;
XX
XX DR WPI; 2004-561892/54.
XX
XX PT Inhibitory nucleic acid that inhibits expression of an androgen signal
XX PT transduction pathway protein useful for treating hair loss, comprises a
XX PT double stranded RNA having a partial sequence encoding a pathway protein
XX PT in one strand.
XX
XX PS Claim 11; Page 36; 92pp; English.
XX
XX CC The present invention relates to novel small interfering RNAs (siRNAs),
XX CC comprising a double stranded RNA, where one strand comprises a partial
XX CC nucleic acid sequence of an androgen signal transduction pathway protein,
XX CC and where the double-stranded RNA inhibits translation of mRNA encoding
XX CC the nucleic acid sequence of the androgen signal transduction pathway
XX CC protein thereby blocking the androgen signal transduction pathway. The
XX CC androgen signal transduction pathway protein is chosen from isoforms I
XX CC and II of 5-alpha reductase (ADQ92425 and ADQ92516), the androgen
XX CC receptor (ADQ92571), aromatase (ADQ92896), 3-alpha-
XX CC hydroxysteroidisohydrogenase (ADQ93182), 3-beta-
XX CC hydroxysteroidisohydrogenase (ADQ93360), 3-beta-
XX CC hydroxysteroidisohydrogenase-4-5-isomerase (ADQ93541), 17-beta-
XX CC hydroxysteroidisohydrogenase (ADQ93722), and steroid sulfatase
XX CC (ADQ93770). The siRNAs of the invention are useful for reducing hair loss
XX CC in a mammal which involves contacting several mammal's hair cells with
XX CC the siRNA, where the siRNA interferes with the translation of mRNA of the
XX CC androgen signal transduction protein. The siRNAs are useful for treating
XX CC hyperandrogenic conditions of androgenic alopecia, including male pattern
XX CC alopecia, acne vulgaris, seborrhea, and female hirsutism and prostatic
XX CC hypertrophy. The present sequence is the sense strand for one such siRNA
XX CC of the invention.
XX
XX SQ Sequence 21 BP; 5 A; 6 C; 6 G; 2 T; 2 U; 0 Other;

Query Match 65.0%; Score 13; DB 13; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 AGGCCTCGCTCAG 17
Db 20 AGGCCTCGCTCAG 8
|||||
|||||

RESULT 12
AAAX75693
ID AAAX75693 standard; RNA; 15 BP.
XX
XX AC AAAX75693;
XX
XX DT 28-JUL-1999 (first entry)
XX
XX DE Human flt-1 and KDR hammerhead ribozyme target site #27.
XX
XX KW Vascular endothelial growth factor receptor; VEGF receptor; flt-1; flk-1;
XX KW KDR; hammerhead ribozyme; hairpin ribozyme; cleavage;
XX KW tumour angiogenesis; psoriasis; rheumatoid arthritis; ocular disease;
XX KW fms-like tyrosine kinase 1; kinase insert domain containing receptor;
XX KW foetal liver kinase 1; ss.
XX
XX OS Homo sapiens.
XX

```

PN WO9715662-A2.  
XX  
XX PI Pavco P, Mcswiggen J, Stinchcomb D, Escobedo J;  
PD PD 01-MAY-1997.  
XX WPI; 1997-259017/23.  
XX PF 25-OCT-1996; 96WO-US017480.  
XX PR 26-OCT-1995; 95US-0005974P.  
PR 11-JAN-1996; 96US-00584040.  
XX  
XX (RIBO-) RIBOZYME PHARM INC.  
PA (CHIR ) CHIRON CORP.  
XX  
XX PI Pavco P, Mcswiggen J, Stinchcomb D, Escobedo J;  
XX WPI; 1997-259017/23.  
XX Nucleic acid molecule modulating VEGF receptor(s) gene expression or mRNA stability - useful for treating e.g. tumour angiogenesis, psoriasis, rheumatoid arthritis, etc., in a human patient.  
PT Example 9; Page 192; 218pp; English.  
PS The present invention describes nucleic acid molecules which modulate the synthesis, expression and/or stability of a mRNA encoding 1 or more receptors of vascular endothelial growth factor (VEGF). A patient (preferably human) having a condition associated with the level of the fms-like tyrosine kinase 1 (flt-1), kinase insert domain containing receptor (KDR) and/or foetal liver kinase 1 (flk-1) (e.g. tumour angiogenesis, ocular diseases, psoriasis and rheumatoid arthritis) can be treated by administering the nucleic acid molecule or the expression vector to the patient. AAX67275 to AAX75752 represent specific examples of nucleic acid molecules from the present invention  
XX Sequence 15 BP; 4 A; 5 C; 4 G; 0 T; 2 U; 0 Other;  
SQ Query Match 60.0%; Score 12; DB 2; Length 15;  
Best Local Similarity 83.3%; Pred. No. 2.5e+03;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 5 AGGCCTCGCTCA 16  
|||||:||||:  
Db 2 AGGCCUCCGUCA 13

RESULT 13  
AAX69359  
ID AAX69359 standard; RNA; 17 BP.  
AC AAX69359;  
XX  
XX 28-JUL-1999 (first entry)  
DT  
DE Human flt1 VEGF receptor hammerhead ribozyme substrate #654.  
XX  
XX Vascular endothelial growth factor receptor; VEGF receptor; flt-1; flk-1; KDR; hammerhead ribozyme; hairpin ribozyme; cleavage;  
KW tumour angiogenesis; psoriasis; rheumatoid arthritis; ocular disease;  
KW fms-like tyrosine kinase 1; kinase insert domain containing receptor;  
KW foetal liver kinase 1; ss.

XX Homo sapiens.  
OS  
PN WO9715662-A2.  
XX  
XX 05-DEC-2002.  
PD  
XX 29-MAY-2002; 2002WO-US017674.  
PF  
XX 29-MAY-2001; 2001US-00870161.  
PR 30-NOV-2001; 2001US-0334461P.  
PR 03-MAY-2002; 2002US-00138674.  
XX  
XX (RIBO-) RIBOZYME PHARM INC.  
PA (CHIR ) CHIRON CORP.  
XX  
XX Escobedo J, Mcswiggen J, Pavco P, Stinchcomb D, Sandberg J;  
PI Gordon G;  
PI  
XX WPI; 2003-140439/13.  
DR  
XX Novel enzymatic nucleic acids, ribozymes, which modulate expression of

PT genes encoding vascular endothelial growth factor and/or VEGF receptor,  
 PT useful for inhibiting tumor angiogenesis in cell, and for treating  
 PT cancer.

XX Disclosure; SEQ ID NO 908; 172bp; English.

XX The invention relates to enzymatic nucleic acids (I) i.e.  
 CC ribozymes/DNAzymes/Zinczymes that target and modulate expression of, genes  
 CC encoding vascular endothelial growth factor (VEGF) and/or VEGF receptor  
 CC (VEGFR1 and 2 encode by the Flt-1 and Kdr genes respectively). Also  
 CC included are 2 encode by the Flt-1 and Kdr genes respectively). Also  
 CC (I) to a cell (by contacting the cell with the compound under conditions  
 CC suitable for the administration), administering (I) to a cell (in  
 CC conjunction with one or more other drug by contacting the cell with the  
 CC compound and the other drug under conditions suitable for the  
 CC administration), administering (I) to a mammal (by contacting the mammal  
 CC with the compound under conditions suitable for the administration),  
 CC treating (M1) a subject having endometriosis (by contacting a subject  
 CC with, or administering to subject, a nucleic acid molecule (II) that  
 CC modulates expression of VEGF, VEGFR1, and/or VEGFR2), a mammalian cell  
 CC (III) comprising (I) and administering to a mammal (I) (in conjunction  
 CC with a chemotherapeutic agent comprising contacting the mammal with the  
 CC compound and the chemotherapeutic agent under conditions suitable for the  
 CC administration). (I) is administered to a mammalian cell, preferably  
 CC human cell in the presence of a delivery reagent which is a lipid such as  
 CC cationic lipid or phospholipid, or a liposome. The enzymatic nucleic acid  
 CC molecule has an endonuclease activity to cleave RNA encoded by an VEGFR1  
 CC and/or VEGFR2 gene, and is in a hammerhead, inozyme, DNAzyme, G-cleaver,  
 CC or Ambzyme configuration. The enzymatic nucleic acids are useful for  
 CC inhibiting ocular angiogenesis associated with diabetic retinopathy or  
 CC age-related diabetic retinopathy, in a subject. They are also useful for  
 CC inhibiting angiogenesis, preferably tumor angiogenesis in cell, and for  
 CC treating a subject having a condition associated with an increased level  
 CC of VEGF receptor, where the condition is cancer, e.g. breast cancer, lung  
 CC cancer (such as non-small cell lung carcinoma), colorectal cancer, renal  
 CC cancer (such as renal cell carcinoma), pancreatic cancer. The enzymatic  
 CC nucleic acids are useful for treating a subject (preferably human) having  
 CC endometriosis, psoriasis, age-related macular degeneration, proliferative  
 CC diabetic retinopathy, hypoxia-induced angiogenesis, rheumatoid arthritis,  
 CC wound healing, endometrial carcinoma, gynecologic bleeding disorders,  
 CC irregular menstrual cycles, ovulation, premenstrual syndrome, and  
 CC menopausal dysfunction. The enzymatic nucleic acids are useful for birth  
 CC control by inhibiting ovulation or embryonic uterine implantation. The  
 CC present sequence is a target sequence from the human VEGFR1/flt-1 mRNA.

XX Sequence 17 BP; 5 A; 5 C; 4 G; 0 T; 3 U; 0 Other;

Query Match 60.0%; Score 12; DB 11; Length 17;  
 Best Local Similarity 83.3%; Pred. No. 2.5e+03;  
 Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 5 AGGCCTCGCTCA 16  
 Db |||||:||||:  
 2 AGGCCUCGCUCA 13

RESULT 15

ID ABQ83968  
 XX ABQ83968 standard; DNA; 19 BP.

AC ABQ83968;

XX 05-FEB-2003 (first entry)

XX Lampanyctus regalis 12S RNA gene PCR primer 12S-L.

DE Cytochrome b: cyt b; D-loop; mitochondrial; Rod; ITS-2; rhodopsin;  
 XX internal transcribed spacer region; nuclear; myctophid; fish; probe;  
 XX identification; detection; PCR primer; ss.

OS Lampanyctus regalis.

XX GB2374597-A.

XX

PD 23-OCT-2002.

XX 30-MAR-2001; 2001GB-00008104.

XX 30-MAR-2001; 2001GB-00008104.

XX (COUL ) COUNCIL SCI & IND RES.

PA Goswami U, Bernardi G, Goswami SC, Johnson RK;

PI WPI; 2003-032290/03.

XX Developing probes for myctophid fishes, useful for genetic identification  
 PT of myctophids, by generating probes for cytochrome b, internal  
 PT transcribed spacer region, mitochondrial D-loop, and rhodopsin genes of  
 PT the fish.

XX Claim 90; Page 50; 60pp; English.

XX The present invention describes a method (M1) for developing probes (P)  
 CC for myctophid fish by amplifying selected gene regions in DNA extracted  
 CC from muscle of fish, eluting and reamplifying amplified DNA, purifying  
 CC and ligating the DNA into vector which is transformed into host cells,  
 CC purifying recombinant plasmid DNA having cloned gene (P) from host cells,  
 CC amplifying gene insert from probe, comparing sequence of prepared (P)  
 CC against known sequences of similar genes, and designing species-specific  
 CC primers from sequences. The method is useful for developing nucleotide  
 CC probes for myctophid fishes such as Stenobrachius leucopsarus, Diaphus  
 CC theta, Protomyctophum crockeri, Tarletonbeania crenularis or Lampanyctus  
 CC regalis. The probes identified by the method are useful for the  
 CC identification of early and adult life history stages of myctophids i.e.,  
 CC lantern fishes. The species specific primers are employed to amplify a  
 CC selected gene region to produce DNA probe directed for use as genetic  
 CC markers. The probes are useful for identifying myctophid larvae and hence  
 CC facilitate the assessment of genetic resources and genetic variability  
 CC between myctophid population. use of the primer polynucleotides for  
 CC amplifying a myctophid gene or its fragment. The present sequence  
 CC represents a specifically claimed Lampanyctus regalis PCR primer, which  
 CC is used in the method from the present invention

XX Sequence 19 BP; 3 A; 8 C; 3 G; 5 T; 0 U; 0 Other;

Query Match 60.0%; Score 12; DB 8; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+03;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 GCCTCGCTCAGA 18

Db |||||:||||:  
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Search completed: March 22, 2006, 14:36:29

Job time : 471 secs



GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 22, 2006, 11:03:51 ; Search time 1813 Seconds  
(without alignments)

627.065 Million cell updates/sec

Title: US-10-800-077-231

Perfect score: 20

Sequence: 1 atggaggcctcgctcagaaa 20

Scoring table: OLIGO\_NUC

Gapop 60.0 , Gapext 60.0

Searched: 5883141 seqs, 28421725653 residues

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Minimum DB seq length: 0

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Post-processing: Listing first 45 summaries

Database :

GenEmbl.\*

1: gb\_ba.\*

2: gb\_in.\*

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9: gb\_ro.\*

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15: gb\_pl.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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1	12	60.0	15	6 AR192955	Sequence
2	12	60.0	15	6 AR326697	Sequence
3	12	60.0	15	6 AR600157	Sequence
4	12	60.0	16	6 AR328499	Sequence
5	12	60.0	17	6 AR186621	Sequence
6	12	60.0	17	6 AR323252	Sequence
7	12	60.0	17	6 AR327572	Sequence
8	12	60.0	17	6 AR327573	Sequence
9	12	60.0	17	6 AR596712	Sequence
10	12	60.0	24	6 AR8193	Sequence 4
11	12	60.0	24	6 AR87576	Sequence 4
12	11	55.0	15	6 AR180263	Sequence
13	11	55.0	15	6 AX173373	Sequence
14	11	55.0	17	6 AR327574	Sequence
15	11	55.0	18	6 A60688	Sequence 18
16	11	55.0	18	6 AR123969	Sequence
17	11	55.0	19	6 A97311	Sequence 28
18	11	55.0	19	6 AR573236	Sequence

C 19	11	55.0	19	6	AX131346	Sequence
C 20	11	55.0	20	6	AR137287	Sequence
C 21	11	55.0	20	6	BD075161	Methods f
C 22	11	55.0	20	6	BD231270	Genes for
C 23	11	55.0	20	6	AR224741	Sequence
C 24	11	55.0	20	6	AX037409	Sequence
C 25	11	55.0	20	6	AX399777	Sequence
C 26	11	55.0	21	6	AX787126	Sequence
C 27	11	55.0	23	6	AR252995	Sequence
C 28	11	55.0	24	6	AR102901	Sequence
C 29	11	55.0	24	6	AR108080	Sequence
C 30	11	55.0	24	6	AR134728	Sequence
C 31	11	55.0	27	6	AR125063	Sequence
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C 36	10	50.0	11	6	AX630288	Sequence
C 37	10	50.0	15	6	AR030415	Sequence
C 38	10	50.0	15	6	I56819	Sequence 2
C 39	10	50.0	15	6	AR399476	Sequence
C 40	10	50.0	17	6	AR165204	Sequence
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C 44	10	50.0	17	6	AR323253	Sequence
C 45	10	50.0	17	6	AR326144	Sequence

#### ALIGNMENTS

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VERSION  
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SOURCE  
ORGANISM  
REFERENCE  
AUTHORS  
TITLE  
JOURNAL  
FEATURES  
ORIGIN

Sequence 8443 from patent US 6346398.  
AR192955  
AR192955.1 GI:20238920  
Unknown.  
Unclassified.  
1 (bases 1 to 15)  
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.  
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
Patent: US 6346398-A 8443 12-FEB-2002;  
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Qy 5 AGGCTTCGCTCA 16

Db 2 AGGCTTCGCTCA 13

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AR326697  
LOCUS  
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Sequence 4099 from patent US 6566127.  
AR326697  
AR326697.1 GI:33712505  
Unknown.  
Unclassified.  
1 (bases 1 to 15)

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AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 4099 20-MAY-2003;
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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Db 2 AGGCCTCGCTCA 13
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LOCUS AR600157 15 bp RNA linear PAT 15-DEC-2004
DEFINITION Sequence 4099 from patent US 6818447.
ACCESSION AR600157
VERSION AR600157.1 GI:56651171
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6818447-A 4099 16-NOV-2004;
Sirna Therapeutics, Inc.; Boulder, CO
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QY 5 AGGCCTCGCTCA 16
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AR328499
LOCUS AR328499 16 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5901 from patent US 6566127.
ACCESSION AR328499
VERSION AR328499.1 GI:33714307
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 5901 20-MAY-2003;
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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LOCUS AR323252 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 654 from patent US 6566127.
ACCESSION AR323252
VERSION AR323252.1 GI:33709060
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 654 20-MAY-2003;
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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QY 5 AGGCCTCGCTCA 16
Db 3 AGGCCTCGCTCA 14
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LOCUS AR323252 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 654 from patent US 6566127.
ACCESSION AR323252
VERSION AR323252.1 GI:33709060
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 654 20-MAY-2003;
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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QY 5 AGGCCTCGCTCA 16
Db 3 AGGCCTCGCTCA 14
RESULT 7
AR327572
LOCUS AR327572 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 2109 from patent US 6346398.
ACCESSION AR186621
VERSION AR186621.1 GI:20232586
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2109 12-FEB-2002;
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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AR186621
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DEFINITION Sequence 2109 from patent US 6346398.
ACCESSION AR186621
VERSION AR186621.1 GI:20232586
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2109 12-FEB-2002;
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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Db 3 AGGCCTCGCTCA 14
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DEFINITION Sequence 4974 from patent US 6566127.  
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VERSION AR327572.1 GI:33713380  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 4974 20-MAY-2003;  
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
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DEFINITION Sequence 4975 from patent US 6566127.  
ACCESSION AR327573  
VERSION AR327573.1 GI:33713381  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 4975 20-MAY-2003;  
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
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Best Local Similarity 100.0%; Pred. No. 7.8e+03;  
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Db 5 AGGCCTCGCTCA 16  
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LOCUS AR596712 17 bp RNA linear PAT 15-DEC-2004  
DEFINITION Sequence 654 from patent US 6818447.  
ACCESSION AR596712  
VERSION AR596712.1 GI:56647726  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor

JOURNAL Patent: US 6818447-A 654 16-NOV-2004;  
Sirna Therapeutics, Inc.; Boulder, CO  
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Qy 5 AGGCCTCGCTCA 16  
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Db 3 AGGCCTCGCTCA 14  
RESULT 10  
A87193/c  
LOCUS A87193 24 bp DNA linear PAT 22-JAN-2000  
DEFINITION Sequence 4 from Patent WO9837222.  
ACCESSION A87193  
VERSION A87193.1 GI:6735959  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 24)  
AUTHORS LANSING, M.  
TITLE METHOD FOR REVERSIBLE IMMOBILIZING OLIGO- AND/OR POLYSACCHARIDES  
JOURNAL Patent: WO 9837222-A 4 27-AUG-1998;  
LANSING MANFRED (DE); SCHMIDT GERD (DE)  
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Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 3 GGAGGCTCGCT 14  
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Db 14 GGAGGCTCGCT 3  
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LOCUS A87576 24 bp DNA linear PAT 22-JAN-2000  
DEFINITION Sequence 4 from Patent EP0861903.  
ACCESSION A87576  
VERSION A87576.1 GI:6736218  
KEYWORDS  
SOURCE unidentified  
ORGANISM unidentified  
REFERENCE 1 (bases 1 to 24)  
AUTHORS  
TITLE Method for reversible immobilizing oligo and/or polysaccharides  
JOURNAL Patent: EP 0861903-A 4 02-SEP-1998;  
LANSING MANFRED (DE); SCHMIDT GERD (DE)  
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DEFINITION
Sequence 331 from patent US 6333152.
ACCESSION
AR180263
VERSION  AR180263.1  GI:20222296
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 15)
AUTHORS  Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
TITLE    Gene expression profiles in normal and cancer cells
JOURNAL  Patent: US 6333152-A 331 25-DEC-2001;
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Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      4 GCCTCGCTCAG 14

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LOCUS   AX173373          15 bp      DNA      linear      PAT 03-JUL-2001
DEFINITION
Sequence 27 from Patent WO0142445.
ACCESSION
AX173373
VERSION  AX173373.1  GI:14598148
KEYWORDS
SOURCE   synthetic construct
ORGANISM synthetic construct
REFERENCE
1
AUTHORS  Murphy,B.R., Collins,P.L., Schmidt,A.C., Durbin,A.P.,
Skidopoulos,M.H. and Tao,T.
TITLE    Use of recombinant parainfluenza viruses (pivs) as vectors to
protect against infection and disease caused by piv and other human
pathogens
JOURNAL  Patent: WO 0142445-A 27 14-JUN-2001;
The Secretary of the Department of Health and Human Services (US)
FEATURES
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QY      3 GGAGGCGCTCGC 13
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RESULT 14
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DEFINITION
Sequence 4976 from patent US 6566127.
ACCESSION
AR327574.1  GI:33713382
KEYWORDS
SOURCE   Unknown.
ORGANISM Unknown.
REFERENCE
1 (bases 1 to 17)
AUTHORS  Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE    Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 4976 20-MAY-2003;
JOURNAL  Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
FEATURES
Location/Qualifiers
source   1..17
/organism="unknown"
/mol_type="unassigned RNA"

ORIGIN
Query Match      55.0%; Score 11; DB 6; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+04;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 GGCTCGCTCA 16
Db      1 GGCTCGCTCA 11

RESULT 15
A60688
LOCUS   A60688          18 bp      DNA      linear      PAT 06-MAR-1998
DEFINITION
Sequence 18 from Patent WO9708311.
ACCESSION
A60688
VERSION  A60688.1  GI:3715338
KEYWORDS
SOURCE   unidentified
ORGANISM unidentified
REFERENCE
1
AUTHORS  Bulleid,N. and Kadler,K.
TITLE    NOVEL PROCOLLAGENS
JOURNAL  Patent: WO 9708311-A 18 06-MAR-1997;
UNIV MANCHESTER (GB)
FEATURES
Location/Qualifiers
source   1..18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

ORIGIN
Query Match      55.0%; Score 11; DB 6; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.4e+04;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      7 GCCTCGCTCAG 17
Db      6 GCCTCGCTCAG 16

Search completed: March 22, 2006, 11:38:42
Job time : 1816 secs
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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 22, 2006, 11:38:51 ; Search time 301 Seconds  
(without alignments)  
154.931 Million cell updates/sec

Title: US-10-800-077-231

Perfect score: 20

Sequence: 1 atggaggcctcgctcagaaa 20

Scoring table: OLIGO\_NUC

Gapop 60.0 , Gapext 60.0

Searched: 8023312 seqs, 1165852854 residues

Word size : 0

Total number of hits satisfying chosen parameters: 13031916

Minimum DB seq length: 0

Maximum DB seq length: 30

Post-processing: Listing first 45 summaries

Database : Published Applications NA New:

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- 2: /cgn2\_6/ptodata/1/pubpna/US06\_NEW\_PUB.seq.\*
- 3: /cgn2\_6/ptodata/1/pubpna/US07\_NEW\_PUB.seq.\*
- 4: /cgn2\_6/ptodata/1/pubpna/PCT\_NEW\_PUB.seq.\*
- 5: /cgn2\_6/ptodata/1/pubpna/US09\_NEW\_PUB.seq.\*
- 6: /cgn2\_6/ptodata/1/pubpna/US09\_NEW\_PUB.seq.\*
- 7: /cgn2\_6/ptodata/1/pubpna/US10\_NEW\_PUB.seq.\*
- 8: /cgn2\_6/ptodata/1/pubpna/US10\_NEW\_PUB.seq.\*
- 9: /cgn2\_6/ptodata/1/pubpna/US11\_NEW\_PUB.seq.\*
- 10: /cgn2\_6/ptodata/1/pubpna/US11\_NEW\_PUB.seq.\*
- 11: /cgn2\_6/ptodata/1/pubpna/US11\_NEW\_PUB.seq.\*
- 12: /cgn2\_6/ptodata/1/pubpna/US11\_NEW\_PUB.seq.\*
- 13: /cgn2\_6/ptodata/1/pubpna/US60\_NEW\_PUB.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20	100.0	20	8 US-10-949-720-21	Sequence 21, Appl
2	20	100.0	20	8 US-10-949-720-51	Sequence 51, Appl
3	20	100.0	20	8 US-10-949-720-231	Sequence 231, App
4	18	90.0	20	8 US-10-949-720-121	Sequence 121, App
5	15	75.0	19	10 US-11-101-244-159297	Sequence 159297,
6	15	75.0	19	11 US-11-083-784-159297	Sequence 159297,
7	15	75.0	22	8 US-10-310-914A-339489	Sequence 339489,
8	14	70.0	19	10 US-11-101-244-159271	Sequence 159271,
9	14	70.0	19	11 US-11-083-784-159271	Sequence 159271,
10	14	70.0	23	8 US-10-310-914A-80328	Sequence 80328, A
11	13	65.0	19	10 US-11-101-244-687621	Sequence 687621,
12	13	65.0	19	10 US-11-101-244-1369657	Sequence 1369657,
13	13	65.0	19	11 US-11-083-784-687621	Sequence 687621,
14	13	65.0	19	11 US-11-083-784-1369657	Sequence 1369657,
15	13	65.0	20	8 US-10-310-914A-1218844	Sequence 1218844,
16	13	65.0	25	12 US-11-121-849-493911	Sequence 493911,
17	13	65.0	25	12 US-11-136-527-286667	Sequence 286667,
18	12	60.0	18	8 US-10-310-914A-556569	Sequence 556569,
19	12	60.0	19	8 US-10-310-914A-203271	Sequence 203271,
20	12	60.0	19	8 US-10-310-914A-666592	Sequence 666592,

C 21	12	60.0	19	10	US-11-101-244-162196	Sequence 162196,
C 22	12	60.0	19	10	US-11-101-244-162197	Sequence 162197,
C 23	12	60.0	19	10	US-11-101-244-570456	Sequence 570456,
C 24	12	60.0	19	10	US-11-101-244-973965	Sequence 973965,
C 25	12	60.0	19	10	US-11-101-244-973969	Sequence 973969,
C 26	12	60.0	19	10	US-11-101-244-1294357	Sequence 1294357,
C 27	12	60.0	19	10	US-11-101-244-1294390	Sequence 1294390,
C 28	12	60.0	19	10	US-11-101-244-1369673	Sequence 1369673,
C 29	12	60.0	19	10	US-11-101-244-1567212	Sequence 1567212,
C 30	12	60.0	19	11	US-11-083-784-162196	Sequence 162196,
C 31	12	60.0	19	11	US-11-083-784-162197	Sequence 162197,
C 32	12	60.0	19	11	US-11-083-784-570456	Sequence 570456,
C 33	12	60.0	19	11	US-11-083-784-973965	Sequence 973965,
C 34	12	60.0	19	11	US-11-083-784-973969	Sequence 973969,
C 35	12	60.0	19	11	US-11-083-784-1294357	Sequence 1294357,
C 36	12	60.0	19	11	US-11-083-784-1294390	Sequence 1294390,
C 37	12	60.0	19	11	US-11-083-784-1369673	Sequence 1369673,
C 38	12	60.0	19	11	US-11-083-784-1567212	Sequence 1567212,
C 39	12	60.0	21	8	US-10-310-914A-1025565	Sequence 1025565,
C 40	12	60.0	22	8	US-10-310-914A-190430	Sequence 190430,
C 41	12	60.0	23	8	US-10-310-914A-969203	Sequence 969203,
C 42	12	60.0	24	8	US-10-310-914A-190431	Sequence 190431,
C 43	12	60.0	24	8	US-10-310-914A-402292	Sequence 402292,
C 44	12	60.0	24	8	US-10-310-914A-1025576	Sequence 1025576,
C 45	12	60.0	24	8	US-10-310-914A-1378430	Sequence 1378430,

#### ALIGNMENTS

RESULT 1  
US-10-949-720-21  
; Sequence 21, Application US/10949720  
; Publication No. US20050249736A1  
; GENERAL INFORMATION:  
; APPLICANT: Krasnoperov, Valery  
; APPLICANT: Zozulya, Sergey  
; APPLICANT: Kertesz, Nathalie  
; APPLICANT: Reddy, Ramachandra  
; APPLICANT: Gill, Parkash  
; TITLE OF INVENTION: POLYPEPTIDE COMPOUNDS FOR INHIBITING  
; TITLE OF INVENTION: ANGIOGENESIS AND TUMOR GROWTH  
; FILE REFERENCE: VASG-P02-002  
; CURRENT APPLICATION NUMBER: US/10/949,720  
; CURRENT FILING DATE: 2004-09-23  
; PRIOR APPLICATION NUMBER: US 60/454,432  
; PRIOR FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: US 60/454,300  
; PRIOR FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: US 10/800,350  
; PRIOR FILING DATE: 2004-03-12  
; NUMBER OF SEQ ID NOS: 425  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 21  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
US-10-949-720-21

Query Match 100.0%; Score 20; DB 8; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.003;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGAGGCTCGCTCAGAAA 20

Db 1 ATGGAGGCTCGCTCAGAAA 20

RESULT 2

US-10-949-720-51

; Sequence 51, Application US/10949720

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; Publication No. US20050249736A1
; GENERAL INFORMATION:
; APPLICANT: Krasnoperov, Valery
; APPLICANT: Zozulya, Sergey
; APPLICANT: Kertesz, Nathalie
; APPLICANT: Reddy, Ramachandra
; APPLICANT: Gill, Parkash
; TITLE OF INVENTION: POLYPEPTIDE COMPOUNDS FOR INHIBITING
; TITLE OF INVENTION: ANGIOGENESIS AND TUMOR GROWTH
; FILE REFERENCE: VASG-P02-002
; CURRENT APPLICATION NUMBER: US/10/949,720
; PRIOR FILING DATE: 2004-09-23
; PRIOR APPLICATION NUMBER: US 60/454,432
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/454,300
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 10/800,350
; PRIOR FILING DATE: 2004-03-12
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-949-720-51

Query Match      100.0%; Score 20; DB 8; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.003;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGAGGCGCTCGCTCAGAA 20
Db 1 ATGGAGGCGCTCGCTCAGAA 20

RESULT 3
US-10-949-720-231
; Sequence 231, Application US/10949720
; Publication No. US20050249736A1
; GENERAL INFORMATION:
; APPLICANT: Krasnoperov, Valery
; APPLICANT: Zozulya, Sergey
; APPLICANT: Kertesz, Nathalie
; APPLICANT: Reddy, Ramachandra
; APPLICANT: Gill, Parkash
; TITLE OF INVENTION: POLYPEPTIDE COMPOUNDS FOR INHIBITING
; TITLE OF INVENTION: ANGIOGENESIS AND TUMOR GROWTH
; FILE REFERENCE: VASG-P02-002
; CURRENT APPLICATION NUMBER: US/10/949,720
; CURRENT FILING DATE: 2004-09-23
; PRIOR APPLICATION NUMBER: US 60/454,432
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/454,300
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 10/800,350
; PRIOR FILING DATE: 2004-03-12
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 231
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-949-720-231

Query Match      100.0%; Score 20; DB 8; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.003;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGAGGCGCTCGCTCAGAA 20

```

```

Db 1 ATGGAGGCGCTCGCTCAGAA 20

RESULT 4
US-10-949-720-121
; Sequence 121, Application US/10949720
; Publication No. US20050249736A1
; GENERAL INFORMATION:
; APPLICANT: Krasnoperov, Valery
; APPLICANT: Zozulya, Sergey
; APPLICANT: Kertesz, Nathalie
; APPLICANT: Reddy, Ramachandra
; APPLICANT: Gill, Parkash
; TITLE OF INVENTION: POLYPEPTIDE COMPOUNDS FOR INHIBITING
; TITLE OF INVENTION: ANGIOGENESIS AND TUMOR GROWTH
; FILE REFERENCE: VASG-P02-002
; CURRENT APPLICATION NUMBER: US/10/949,720
; CURRENT FILING DATE: 2004-09-23
; PRIOR APPLICATION NUMBER: US 60/454,432
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/454,300
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 10/800,350
; PRIOR FILING DATE: 2004-03-12
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-949-720-121

Query Match      90.0%; Score 18; DB 8; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.057;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGAGGCGCTCGCTCAGA 18
Db 3 ATGGAGGCGCTCGCTCAGA 20

RESULT 5
US-11-101-244-159297/c
; Sequence 159297, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 159297
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-159297

Query Match      75.0%; Score 15; DB 10; Length 19;
Best Local Similarity 100.0%; Pred. No. 4.6;

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Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGGAGGCTCGCTC 15  
Db 15 ATGGAGGCTCGCTC 1

## RESULT 6

US-11-083-784-159297/c  
; Sequence 159297, Application US/11083784  
; Publication No. US20050245475A1  
; GENERAL INFORMATION:  
; APPLICANT: Dharmakon, Inc.  
; APPLICANT: Khvorova, Anastasia  
; APPLICANT: Reynolds, Angela  
; APPLICANT: Leake, Devin  
; APPLICANT: Marshall, William  
; APPLICANT: Scaringe, Stephen  
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA  
; FILE REFERENCE: 13499US  
; CURRENT APPLICATION NUMBER: US/11/083,784  
; CURRENT FILING DATE: 2005-03-18  
; PRIOR APPLICATION NUMBER: US/10/714,333  
; PRIOR FILING DATE: 2003-11-14  
; PRIOR APPLICATION NUMBER: 60/502,050  
; PRIOR FILING DATE: 2003-09-10  
; PRIOR APPLICATION NUMBER: 60/426,137  
; PRIOR FILING DATE: 2002-11-14  
; NUMBER OF SEQ ID NOS: 1591911  
; SOFTWARE: Proprietary  
; SEQ ID NO 159297  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-11-083-784-159297

Query Match 75.0%; Score 15; DB 11; Length 19;  
Best Local Similarity 100.0%; Pred. No. 4.6;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGGAGGCTCGCTC 15  
Db 15 ATGGAGGCTCGCTC 1

## RESULT 7

US-10-310-914A-339489  
; Sequence 339489, Application US/10310914A  
; Publication No. US20060003322A1  
; GENERAL INFORMATION:  
; APPLICANT: Bentwich, Isaac  
; APPLICANT: Shiler, Kuzat  
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and  
; FILE REFERENCE: 06087.0200.CPUS01  
; CURRENT APPLICATION NUMBER: US/10/310,914A  
; CURRENT FILING DATE: 2002-12-06  
; NUMBER OF SEQ ID NOS: 1388402  
; SOFTWARE: Patent in version 3.3  
; SEQ ID NO 339489  
; LENGTH: 22  
; TYPE: RNA  
; ORGANISM: Human  
US-10-310-914A-339489

Query Match 75.0%; Score 15; DB 8; Length 22;  
Best Local Similarity 86.7%; Pred. No. 4.6;  
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 4 GAGGCTCGCTCAGA 18  
Db 8 GAGGCCUCGUCAGA 22

## RESULT 8

US-11-101-244-159271/c  
; Sequence 159271, Application US/11101244  
; Publication No. US20050246794A1  
; GENERAL INFORMATION:  
; APPLICANT: Dharmakon, Inc.  
; APPLICANT: Khvorova, Anastasia  
; APPLICANT: Reynolds, Angela  
; APPLICANT: Leake, Devin  
; APPLICANT: Marshall, William  
; APPLICANT: Scaringe, Stephen  
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA  
; FILE REFERENCE: 13499US  
; CURRENT APPLICATION NUMBER: US/11/101,244  
; CURRENT FILING DATE: 2005-04-07  
; PRIOR APPLICATION NUMBER: 60/502,050  
; PRIOR FILING DATE: 2003-09-10  
; PRIOR APPLICATION NUMBER: 60/426,137  
; PRIOR FILING DATE: 2002-11-14  
; NUMBER OF SEQ ID NOS: 1591911  
; SOFTWARE: Proprietary  
; SEQ ID NO 159271  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-11-101-244-159271

Query Match 70.0%; Score 14; DB 10; Length 19;  
Best Local Similarity 100.0%; Pred. No. 20;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGGAGGCTCGCT 14  
Db 15 ATGGAGGCTCGCT 2

## RESULT 9

US-11-083-784-159271/c  
; Sequence 159271, Application US/11083784  
; Publication No. US20050245475A1  
; GENERAL INFORMATION:  
; APPLICANT: Dharmakon, Inc.  
; APPLICANT: Khvorova, Anastasia  
; APPLICANT: Reynolds, Angela  
; APPLICANT: Leake, Devin  
; APPLICANT: Marshall, William  
; APPLICANT: Scaringe, Stephen  
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA  
; FILE REFERENCE: 13499US  
; CURRENT APPLICATION NUMBER: US/11/083,784  
; CURRENT FILING DATE: 2005-03-18  
; PRIOR APPLICATION NUMBER: US/10/714,333  
; PRIOR FILING DATE: 2003-11-14  
; PRIOR APPLICATION NUMBER: 60/502,050  
; PRIOR FILING DATE: 2003-09-10  
; PRIOR APPLICATION NUMBER: 60/426,137  
; PRIOR FILING DATE: 2002-11-14  
; NUMBER OF SEQ ID NOS: 1591911  
; SOFTWARE: Proprietary  
; SEQ ID NO 159271  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-11-083-784-159271

Query Match 70.0%; Score 14; DB 11; Length 19;  
Best Local Similarity 100.0%; Pred. No. 20;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGGAGGCTCGCT 14  
Db 15 ATGGAGGCTCGCT 2

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RESULT 10
US-10-310-914A-80328/c
; Sequence 80328, Application US/10310914A
; Publication No. US20060003322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiler, Kuvzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 80328
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-80328

Query Match      70.0%; Score 14; DB 8; Length 23;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2  TGGAGGCGCTCGCTC 15
Db  23 TGGAGGCGCTCGCTC 10

RESULT 11
US-11-101-244-687621/c
; Sequence 687621, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmoon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 687621
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-687621

Query Match      65.0%; Score 13; DB 10; Length 19;
Best Local Similarity 100.0%; Pred. No. 86;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  3  GGAGGCGCTCGCTC 15
Db  13 GGAGGCGCTCGCTC 1

RESULT 12
US-11-101-244-1369657/c
; Sequence 1369657, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmoon, Inc.
```

```
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 1369657
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-1369657

Query Match      65.0%; Score 13; DB 10; Length 19;
Best Local Similarity 100.0%; Pred. No. 86;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  3  GGAGGCGCTCGCTC 15
Db  13 GGAGGCGCTCGCTC 1

RESULT 13
US-11-083-784-687621/c
; Sequence 687621, Application US/11083784
; Publication No. US20050245475A1
; GENERAL INFORMATION:
; APPLICANT: Dharmoon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/083,784
; CURRENT FILING DATE: 2005-03-18
; PRIOR APPLICATION NUMBER: US/10/714,333
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 687621
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-083-784-687621

Query Match      65.0%; Score 13; DB 11; Length 19;
Best Local Similarity 100.0%; Pred. No. 86;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  3  GGAGGCGCTCGCTC 15
Db  13 GGAGGCGCTCGCTC 1

RESULT 14
US-11-083-784-1369657/c
; Sequence 1369657, Application US/11083784
; Publication No. US20050245475A1
; GENERAL INFORMATION:
```



; APPLICANT: Dharmacon, Inc.  
; APPLICANT: Khvorova, Anastasia  
; APPLICANT: Reynolds, Angela  
; APPLICANT: Leake, Devin  
; APPLICANT: Marshall, William  
; APPLICANT: Scaringe, Stephen  
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA  
; FILE REFERENCE: 13490US  
; CURRENT APPLICATION NUMBER: US/11/083,784  
; CURRENT FILING DATE: 2005-03-18  
; PRIOR APPLICATION NUMBER: US/10/714,333  
; PRIOR FILING DATE: 2003-11-14  
; PRIOR APPLICATION NUMBER: 60/502,050  
; PRIOR FILING DATE: 2003-09-10  
; PRIOR APPLICATION NUMBER: 60/426,137  
; PRIOR FILING DATE: 2002-11-14  
; NUMBER OF SEQ ID NOS: 1591911  
; SOFTWARE: Proprietary  
; SEQ ID NO 1369657  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-11-083-784-1369657

Query Match 65.0%; Score 13; DB 11; Length 19;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 GGAGGCCTCGCTC 15  
Db 13 GGAGGCCTCGCTC 1

RESULT 15  
US-10-310-914A-1218844/c  
; Sequence 1218844, Application US/10310914A  
; Publication No. US20060003322A1  
; GENERAL INFORMATION:  
; APPLICANT: Bentwich, Isaac  
; APPLICANT: Shiler, Kvuzat  
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and  
; FILE REFERENCE: 06087.0200.CPUS01  
; CURRENT APPLICATION NUMBER: US/10/310,914A  
; CURRENT FILING DATE: 2002-12-06  
; NUMBER OF SEQ ID NOS: 1388402  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 1218844  
; LENGTH: 20  
; TYPE: RNA  
; ORGANISM: Human  
US-10-310-914A-1218844

Query Match 65.0%; Score 13; DB 8; Length 20;  
Best Local Similarity 100.0%; Pred. No. 86;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 GGAGGCCTCGCTC 15  
Db 19 GGAGGCCTCGCTC 7

Search completed: March 22, 2006, 11:51:05  
Job time : 302 secs

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GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: March 22, 2006, 11:32:39 ; Search time 430 Seconds  
(without alignments)  
384.622 Million cell updates/sec

Title: US-10-800-077-231

Perfect score: 20

Sequence: 1 atggaggcctcgctcagaaa 20

Scoring table: OLIGO\_NUC

Gapop 60.0 , Gapext 60.0

Searched: 9793542 seqs, 4134689005 residues

Word size : 0

Total number of hits satisfying chosen parameters: 10535742

Minimum DB seq length: 0

Maximum DB seq length: 30

Post-processing: Listing first 45 summaries

Database : Published Applications NA\_Main:

- 1: /cgn2\_6/ptodata/1/pubpna/US07\_PUBCOMB.seq.\*
- 2: /cgn2\_6/ptodata/1/pubpna/US08\_PUBCOMB.seq.\*
- 3: /cgn2\_6/ptodata/1/pubpna/US09A\_PUBCOMB.seq.\*
- 4: /cgn2\_6/ptodata/1/pubpna/US09B\_PUBCOMB.seq.\*
- 5: /cgn2\_6/ptodata/1/pubpna/US10A\_PUBCOMB.seq.\*
- 6: /cgn2\_6/ptodata/1/pubpna/US10B\_PUBCOMB.seq.\*
- 7: /cgn2\_6/ptodata/1/pubpna/US10C\_PUBCOMB.seq.\*
- 8: /cgn2\_6/ptodata/1/pubpna/US10D\_PUBCOMB.seq.\*
- 9: /cgn2\_6/ptodata/1/pubpna/US10E\_PUBCOMB.seq.\*
- 10: /cgn2\_6/ptodata/1/pubpna/US11\_PUBCOMB.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20	100.0	20	9	US-10-800-350-21
2	20	100.0	20	9	US-10-800-350-51
3	20	100.0	20	9	US-10-800-350-231
4	20	100.0	20	9	US-10-800-077-21
5	20	100.0	20	9	US-10-800-077-51
6	20	100.0	20	9	US-10-800-077-231
7	18	90.0	20	9	US-10-800-350-121
8	18	90.0	20	9	US-10-800-077-121
9	15	75.0	25	10	US-11-036-317-701453
10	14	70.0	25	8	US-10-719-900-331519
11	14	70.0	25	10	US-11-036-317-529571
12	14	70.0	25	10	US-11-036-317-533309
13	13	65.0	25	7	US-10-719-956-252695
14	13	65.0	25	8	US-10-719-900-437621
15	13	65.0	25	8	US-10-719-900-635635
16	12	60.0	15	7	US-10-138-674-4099
17	12	60.0	15	7	US-10-287-949A-4099
18	12	60.0	15	9	US-10-951-303-4099
19	12	60.0	16	7	US-10-138-674-5901
20	12	60.0	16	7	US-10-287-949A-5901
21	12	60.0	17	7	US-10-138-674-654
22	12	60.0	17	7	US-10-138-674-4974
23	12	60.0	17	7	US-10-138-674-4975

24	12	60.0	17	7	US-10-138-674-7806	Sequence 7806, Ap
25	12	60.0	17	7	US-10-287-949A-654	Sequence 654, App
26	12	60.0	17	7	US-10-287-949A-4974	Sequence 4974, Ap
27	12	60.0	17	7	US-10-287-949A-4975	Sequence 4975, Ap
28	12	60.0	17	7	US-10-287-949A-7806	Sequence 7806, App
29	12	60.0	17	8	US-10-712-633-908	Sequence 908, App
30	12	60.0	17	8	US-10-741-600-73139	Sequence 73139, A
31	12	60.0	17	9	US-10-951-303-654	Sequence 654, App
32	12	60.0	19	3	US-09-782-604-28	Sequence 28, Appl
33	12	60.0	19	9	US-10-981-507-28	Sequence 28, Appl
34	12	60.0	19	9	US-10-727-780A-131	Sequence 131, App
35	12	60.0	20	6	US-10-376-566-63	Sequence 63, Appl
36	12	60.0	20	6	US-10-376-566-64	Sequence 64, Appl
37	12	60.0	20	6	US-10-154-708-49	Sequence 49, Appl
38	12	60.0	20	6	US-10-154-708-113	Sequence 113, App
39	12	60.0	25	7	US-10-719-956-32905	Sequence 32905, A
40	12	60.0	25	7	US-10-719-956-48003	Sequence 48003, A
41	12	60.0	25	7	US-10-719-956-145573	Sequence 145573, A
42	12	60.0	25	7	US-10-719-956-145574	Sequence 145574, A
43	12	60.0	25	7	US-10-719-956-167493	Sequence 167493, A
44	12	60.0	25	7	US-10-719-956-257051	Sequence 257051, A
45	12	60.0	25	7	US-10-719-956-481538	Sequence 481538, A

#### ALIGNMENTS

RESULT 1  
US-10-800-350-21  
; Sequence 21, Application US/10800350  
; Publication No. US20050084873A1  
; GENERAL INFORMATION:  
; APPLICANT: Krasnoperov, Valery  
; APPLICANT: Zozulya, Sergey  
; APPLICANT: Kertesz, Nathalie  
; APPLICANT: Reddy, Ramachandra  
; APPLICANT: Gill, Parkash  
; TITLE OF INVENTION: POLYPEPTIDE COMPOUNDS FOR INHIBITING  
; FILE REFERENCE: VASG-P01-002  
; CURRENT APPLICATION NUMBER: US/10/800,350  
; CURRENT FILING DATE: 2004-03-12  
; PRIOR APPLICATION NUMBER: US 60/454,432  
; PRIOR FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: US 60/454,300  
; PRIOR FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 396  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 21  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
US-10-800-350-21

Query Match 100.0%; Score 20; DB 9; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGGAGGCTCGCTCAGAAA 20  
|||||  
Db 1 ATGGAGGCTCGCTCAGAAA 20

RESULT 2  
US-10-800-350-51  
; Sequence 51, Application US/10800350  
; Publication No. US20050084873A1  
; GENERAL INFORMATION:  
; APPLICANT: Krasnoperov, Valery  
; APPLICANT: Zozulya, Sergey  
; APPLICANT: Kertesz, Nathalie

```
; APPLICANT: Reddy, Ramachandra
; APPLICANT: Gill, Parkash
; TITLE OF INVENTION: POLYPEPTIDE COMPOUNDS FOR INHIBITING
; TITLE OF INVENTION: ANGIOGENESIS AND TUMOR GROWTH
; FILE REFERENCE: VASG-P01-002
; CURRENT APPLICATION NUMBER: US/10/800,350
; CURRENT FILING DATE: 2004-03-12
; PRIOR APPLICATION NUMBER: US 60/454,432
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/454,300
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 396
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-800-350-51
```

```
Query Match 100.0%; Score 20; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 ATGGAGGCTCGCTCAGAAA 20
    |||||
Db 1 ATGGAGGCTCGCTCAGAAA 20
```

## RESULT 3

```
US-10-800-350-231
; Sequence 231, Application US/10800350
; Publication No. US20050084873A1
; GENERAL INFORMATION:
; APPLICANT: Krasnoperov, Valery
; APPLICANT: Zozulya, Sergey
; APPLICANT: Kertesz, Nathalie
; APPLICANT: Reddy, Ramachandra
; APPLICANT: Gill, Parkash
; TITLE OF INVENTION: POLYPEPTIDE COMPOUNDS FOR INHIBITING
; TITLE OF INVENTION: ANGIOGENESIS AND TUMOR GROWTH
; FILE REFERENCE: VASG-P01-002
; CURRENT APPLICATION NUMBER: US/10/800,350
; CURRENT FILING DATE: 2004-03-12
; PRIOR APPLICATION NUMBER: US 60/454,432
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/454,300
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 396
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 231
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-800-350-231
```

```
Query Match 100.0%; Score 20; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 ATGGAGGCTCGCTCAGAAA 20
    |||||
Db 1 ATGGAGGCTCGCTCAGAAA 20
```

## RESULT 4

```
US-10-800-077-21
; Sequence 21, Application US/10800077
; Publication No. US20050164965A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Reddy, Ramachandra
; APPLICANT: Gill, Parkash
; TITLE OF INVENTION: NUCLEIC ACID COMPOUNDS FOR INHIBITING
; TITLE OF INVENTION: ANGIOGENESIS AND TUMOR GROWTH
; FILE REFERENCE: VASG-P01-001
; CURRENT APPLICATION NUMBER: US/10/800,077
; CURRENT FILING DATE: 2004-03-12
; PRIOR APPLICATION NUMBER: US 60/454,432
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/454,300
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 396
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-800-077-21
```

```
Query Match 100.0%; Score 20; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 ATGGAGGCTCGCTCAGAAA 20
    |||||
Db 1 ATGGAGGCTCGCTCAGAAA 20
```

## RESULT 5

```
US-10-800-077-51
; Sequence 51, Application US/10800077
; Publication No. US20050164965A1
; GENERAL INFORMATION:
; APPLICANT: Reddy, Ramachandra
; APPLICANT: Gill, Parkash
; TITLE OF INVENTION: NUCLEIC ACID COMPOUNDS FOR INHIBITING
; TITLE OF INVENTION: ANGIOGENESIS AND TUMOR GROWTH
; FILE REFERENCE: VASG-P01-001
; CURRENT APPLICATION NUMBER: US/10/800,077
; CURRENT FILING DATE: 2004-03-12
; PRIOR APPLICATION NUMBER: US 60/454,432
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/454,300
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 396
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-800-077-51
```

```
Query Match 100.0%; Score 20; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 ATGGAGGCTCGCTCAGAAA 20
    |||||
Db 1 ATGGAGGCTCGCTCAGAAA 20
```

## RESULT 6

```
US-10-800-077-231
; Sequence 231, Application US/10800077
; Publication No. US20050164965A1
; GENERAL INFORMATION:
; APPLICANT: Reddy, Ramachandra
; APPLICANT: Gill, Parkash
; TITLE OF INVENTION: NUCLEIC ACID COMPOUNDS FOR INHIBITING
```

; TITLE OF INVENTION: ANGIOGENESIS AND TUMOR GROWTH  
; FILE REFERENCE: VASG-P01-001  
; CURRENT APPLICATION NUMBER: US/10/800,077  
; CURRENT FILING DATE: 2004-03-12  
; PRIOR APPLICATION NUMBER: US 60/454,432  
; PRIOR FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: US 60/454,300  
; PRIOR FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 396  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 231  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
US-10-800-077-231

Query Match 100.0%; Score 20; DB 9; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGCGCTCGCTCAGAA 20  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 ATGAGGCGCTCGCTCAGAA 20

RESULT 7  
US-10-800-350-121  
; Sequence 121, Application US/10800350  
; Publication No. US20050084873A1  
; GENERAL INFORMATION:  
; APPLICANT: Kraenoperv, Valery  
; APPLICANT: Zozulya, Sergey  
; APPLICANT: Kertesz, Nathalie  
; APPLICANT: Reddy, Ramachandra  
; APPLICANT: Gill, Parkash  
; TITLE OF INVENTION: POLYPEPTIDE COMPOUNDS FOR INHIBITING  
; FILE REFERENCE: VASG-P01-002  
; CURRENT APPLICATION NUMBER: US/10/800,350  
; CURRENT FILING DATE: 2004-03-12  
; PRIOR APPLICATION NUMBER: US 60/454,432  
; PRIOR FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: US 60/454,300  
; NUMBER OF SEQ ID NOS: 396  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 121  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
US-10-800-350-121

Query Match 90.0%; Score 18; DB 9; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.26;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGCGCTCGCTCAGA 18  
| | | | | | | | | | | | | | | | | | | | | |  
Db 3 ATGAGGCGCTCGCTCAGA 20

RESULT 8  
US-10-800-077-121  
; Sequence 121, Application US/10800077  
; Publication No. US20050164965A1  
; GENERAL INFORMATION:  
; APPLICANT: Reddy, Ramachandra  
; APPLICANT: Gill, Parkash  
; TITLE OF INVENTION: NUCLEIC ACID COMPOUNDS FOR INHIBITING

; TITLE OF INVENTION: ANGIOGENESIS AND TUMOR GROWTH  
; FILE REFERENCE: VASG-P01-001  
; CURRENT APPLICATION NUMBER: US/10/800,077  
; CURRENT FILING DATE: 2004-03-12  
; PRIOR APPLICATION NUMBER: US 60/454,432  
; PRIOR FILING DATE: 2003-03-12  
; PRIOR APPLICATION NUMBER: US 60/454,300  
; PRIOR FILING DATE: 2003-03-12  
; NUMBER OF SEQ ID NOS: 396  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 121  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide  
US-10-800-077-121

Query Match 90.0%; Score 18; DB 9; Length 20;  
Best Local Similarity 100.0%; Pred. No. 0.26;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGCGCTCGCTCAGA 18  
| | | | | | | | | | | | | | | | | | | | | |  
Db 3 ATGAGGCGCTCGCTCAGA 20

RESULT 9  
US-11-036-317-701453/c  
; Sequence 701453, Application US/11036317  
; Publication No. US20050214823A1  
; GENERAL INFORMATION:  
; APPLICANT: Williams, Alan  
; APPLICANT: Blume, John  
; TITLE OF INVENTION: Method of Analysis of Alternative Splicing in Mouse  
; FILE REFERENCE: 3654.1  
; CURRENT APPLICATION NUMBER: US/11/036,317  
; CURRENT FILING DATE: 2005-01-13  
; PRIOR APPLICATION NUMBER: US 60/536,639  
; PRIOR FILING DATE: 2004-01-13  
; NUMBER OF SEQ ID NOS: 991174  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 701453  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-11-036-317-701453

Query Match 75.0%; Score 15; DB 10; Length 25;  
Best Local Similarity 100.0%; Pred. No. 19;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 AGGCCTCGCTCAGAA 19  
| | | | | | | | | | | | | | | | | | | | | |  
Db 24 AGGCCTCGCTCAGAA 10

RESULT 10  
US-10-719-900-331519  
; Sequence 331519, Application US/10719900  
; Publication No. US20050026164A1  
; GENERAL INFORMATION:  
; APPLICANT: Xue Mei Zhou  
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse  
; FILE REFERENCE: 3528.1  
; CURRENT APPLICATION NUMBER: US/10/719,900  
; CURRENT FILING DATE: 2003-11-20  
; PRIOR APPLICATION NUMBER: 60/427,808  
; PRIOR FILING DATE: 2002 11 20  
; NUMBER OF SEQ ID NOS: 982914  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 331519  
; LENGTH: 25

```
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-331519

Query Match      70.0%; Score 14; DB 8; Length 25;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GGCTCGCTCAGAA 19
   |||||
Db 5 GGCTCGCTCAGAA 18

RESULT 11
US-11-036-317-529571
; Sequence 529571, Application US/11036317
; Publication No. US20050214823A1
; GENERAL INFORMATION:
; APPLICANT: Williams, Alan
; APPLICANT: Blume, John
; TITLE OF INVENTION: Method of Analysis of Alternative Splicing in Mouse
; FILE REFERENCE: 3654.1
; CURRENT APPLICATION NUMBER: US/11/036,317
; CURRENT FILING DATE: 2005-01-13
; PRIOR APPLICATION NUMBER: US 60/536,639
; PRIOR FILING DATE: 2004-01-13
; NUMBER OF SEQ ID NOS: 991174
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 529571
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-11-036-317-529571

Query Match      70.0%; Score 14; DB 10; Length 25;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 GGAGGCTCGCTCA 16
   |||||
Db 6 GGAGGCTCGCTCA 19

RESULT 12
US-11-036-317-533309
; Sequence 533309, Application US/11036317
; Publication No. US20050214823A1
; GENERAL INFORMATION:
; APPLICANT: Williams, Alan
; APPLICANT: Blume, John
; TITLE OF INVENTION: Method of Analysis of Alternative Splicing in Mouse
; FILE REFERENCE: 3654.1
; CURRENT APPLICATION NUMBER: US/11/036,317
; CURRENT FILING DATE: 2005-01-13
; PRIOR APPLICATION NUMBER: US 60/536,639
; PRIOR FILING DATE: 2004-01-13
; NUMBER OF SEQ ID NOS: 991174
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 533309
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-11-036-317-533309

Query Match      70.0%; Score 14; DB 10; Length 25;
Best Local Similarity 100.0%; Pred. No. 83;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 GGAGGCTCGCTCA 16
   |||||
Db 2 GGAGGCTCGCTCA 15

RESULT 13
US-10-719-956-252695/c
; Sequence 252695, Application US/10719956
; Publication No. US20040146910A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 252695
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-252695

Query Match      65.0%; Score 13; DB 7; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TGGAGGCTCGCT 14
   |||||
Db 20 TGGAGGCTCGCT 8

RESULT 14
US-10-719-900-437621/c
; Sequence 437621, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 437621
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-437621

Query Match      65.0%; Score 13; DB 8; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 GGCCTCGCTCAGA 18
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Db 16 GGCCTCGCTCAGA 4

RESULT 15
US-10-719-900-635635
; Sequence 635635, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 635635
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; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-635635

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Query Match 65.0%; Score 13; DB 8; Length 25;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Search completed: March 22, 2006, 11:45:58  
Job time : 431 secs

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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 22, 2006, 10:22:12 ; Search time 901 Seconds  
(without alignments)  
39.458 Million cell updates/sec

Title: US-10-800-077-231

Perfect score: 20

Sequence: 1 atggaggcctcgctcagaaa 20

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 1303057 seqs, 888780828 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1026780

Minimum DB seq length: 0

Maximum DB seq length: 30

Post-processing: Listing first 45 summaries

Database : Issued Patents NA:\*

- 1: /cgn2\_6/ptodata/1/ina/1 COMB.seq:\*
- 2: /cgn2\_6/ptodata/1/ina/5 COMB.seq:\*
- 3: /cgn2\_6/ptodata/1/ina/6A COMB.seq:\*
- 4: /cgn2\_6/ptodata/1/ina/6B COMB.seq:\*
- 5: /cgn2\_6/ptodata/1/ina/H COMB.seq:\*
- 6: /cgn2\_6/ptodata/1/ina/PCTUS COMB.seq:\*
- 7: /cgn2\_6/ptodata/1/ina/PP COMB.seq:\*
- 8: /cgn2\_6/ptodata/1/ina/RE COMB.seq:\*
- 9: /cgn2\_6/ptodata/1/ina/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	13	65.0	16	3	US-08-911-894-14
3	12	60.0	15	3	US-08-584-040-8443
4	12	60.0	15	3	US-09-371-772B-4099
5	12	60.0	15	3	US-09-685-664B-4099
6	12	60.0	16	3	US-09-371-772B-5901
7	12	60.0	17	3	US-08-584-040-2109
8	12	60.0	17	3	US-09-371-772B-654
9	12	60.0	17	3	US-09-371-772B-4974
10	12	60.0	17	3	US-09-371-772B-4975
11	12	60.0	17	3	US-09-685-664B-654
12	12	60.0	25	3	US-09-396-196G-12283
13	12	60.0	25	3	US-09-396-196G-12284
14	12	60.0	25	3	US-09-396-196G-12680
15	12	60.0	25	3	US-09-396-196G-43433
16	12	60.0	25	3	US-09-396-196G-43434
17	11	55.0	15	3	US-09-081-646-331
18	11	55.0	17	3	US-09-371-772B-4976
19	11	55.0	18	3	US-09-029-348-18
20	11	55.0	19	3	US-09-696-791-2564
21	11	55.0	19	3	US-09-509-595B-23
22	11	55.0	20	3	US-09-050-159-34
23	11	55.0	20	3	US-09-907-843-46
24	11	55.0	23	3	US-09-305-856B-95

25	11	55.0	24	3	US-08-589-028-26	Sequence 26, Appl
26	11	55.0	24	3	US-08-784-582-26	Sequence 26, Appl
27	11	55.0	24	3	US-08-785-271-26	Sequence 26, Appl
28	11	55.0	25	3	US-09-396-196G-12681	Sequence 12681, A
C 29	11	55.0	25	3	US-09-396-196G-14354	Sequence 14354, A
30	11	55.0	25	3	US-09-396-196G-36124	Sequence 36124, A
31	11	55.0	25	3	US-09-396-196G-43432	Sequence 43432, A
32	11	55.0	25	3	US-09-396-196G-43435	Sequence 43435, A
33	11	55.0	25	3	US-09-396-196G-71844	Sequence 71844, A
34	11	55.0	25	3	US-09-396-196G-71845	Sequence 71845, A
C 35	11	55.0	25	3	US-09-396-196G-76280	Sequence 76280, A
C 36	11	55.0	25	3	US-09-396-196G-76281	Sequence 76281, A
37	11	55.0	25	3	US-09-396-196G-87619	Sequence 87619, A
38	11	55.0	25	3	US-09-396-196G-87620	Sequence 87620, A
C 39	11	55.0	27	3	US-08-485-355B-4	Sequence 4, Appl
C 40	10	50.0	15	2	US-07-954-113-2	Sequence 2, Appl
C 41	10	50.0	15	2	US-08-169-948B-40	Sequence 40, Appl
C 42	10	50.0	15	2	US-08-448-873-40	Sequence 40, Appl
C 43	10	50.0	15	3	US-08-382-452D-40	Sequence 40, Appl
C 44	10	50.0	15	3	US-09-916-494A-40	Sequence 40, Appl
C 45	10	50.0	17	3	US-08-702-665A-18	Sequence 18, Appl

#### ALIGNMENTS

RESULT 1  
US-08-911-894-13/c  
; Sequence 13, Application US/08911894  
; Patent No. 6030830  
; GENERAL INFORMATION:  
; APPLICANT: Saxon, Andrew  
; APPLICANT: Zhang, Ke  
; APPLICANT: Fujieda, Shigeharu  
; TITLE OF INVENTION: IMMUNOGLOBULIN TRANS-SPICED TRANSCRIPTS  
; TITLE OF INVENTION: AND USES THEREOF  
; NUMBER OF SEQUENCES: 90  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Akin, Gump, Strauss, Hauer & Feld  
; STREET: 816 Congress Avenue, Suite 1900  
; CITY: Austin  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 78701  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/911,894  
; FILING DATE: Concurrently Herewith  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/023,579  
; FILING DATE: 19-AUG-1996  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mayfield, Denise L.  
; REGISTRATION NUMBER: 33,732  
; REFERENCE/DOCKET NUMBER: 43496.0006  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (512) 499-6200  
; TELEFAX: (512) 499-6290  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-911-894-13

Query Match 65.0%; Score 13; DB 3; Length 16;

Best Local Similarity 100.0%; Pred. No. 3e+02; Indels 0; Gaps 0; Mismatches 0; Conservative 0;

QY 2 TGGAGGCCTCGCT 14  
Db 14 TGGAGGCCTCGCT 2

## RESULT 2

US-08-911-894-14  
; Sequence 14, Application US/08911894  
; Patent No. 6030830  
; GENERAL INFORMATION:  
; APPLICANT: Saxon, Andrew  
; APPLICANT: Zhang, Ke  
; APPLICANT: Fujieda, Shigeharu  
; TITLE OF INVENTION: IMMUNOGLOBULIN TRANS-SPLICED TRANSCRIPTS  
; NUMBER OF SEQUENCES: 90  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Akin, Gump, Strauss, Hauer & Feld  
; STREET: 816 Congress Avenue, Suite 1900  
; CITY: Austin  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 78701  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/911,894  
; FILING DATE: Concurrently Herewith  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/023,579  
; FILING DATE: 19-AUG-1996  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mayfield, Denise L.  
; REGISTRATION NUMBER: 33,732  
; REFERENCE/DOCKET NUMBER: 43496.0006  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (512) 499-6200  
; TELEFAX: (512) 499-6290  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-911-894-14

Query Match 65.0%; Score 13; DB 3; Length 16;  
Best Local Similarity 100.0%; Pred. No. 3e+02; Indels 0; Gaps 0; Mismatches 0; Conservative 0;

QY 2 TGGAGGCCTCGCT 14  
Db 3 TGGAGGCCTCGCT 15

## RESULT 3

US-08-584-040-8443  
; Sequence 8443, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 8443:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-8443

Query Match 60.0%; Score 12; DB 3; Length 15;  
Best Local Similarity 83.3%; Pred. No. 1.1e+03; Indels 0; Gaps 0; Mismatches 2; Conservative 10;

QY 5 AGGCCTCGCTCA 16  
Db 2 AGGCCUCCGUCA 13

## RESULT 4

US-09-371-772B-4099  
; Sequence 4099, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4099

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; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4099

Query Match          60.0%; Score 12; DB 3; Length 15;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 5 AGGCTCGCTCA 16
Db 2 AGGCCUGCUCA 13

RESULT 5
US-09-685-664B-4099
; Sequence 4099, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00-876-K (400/021)
; CURRENT APPLICATION NUMBER: US/09/685,664B
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4099
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-685-664B-4099

Query Match          60.0%; Score 12; DB 3; Length 15;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 5 AGGCTCGCTCA 16
Db 2 AGGCCUGCUCA 13

RESULT 6
US-09-371-772B-5901
; Sequence 5901, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
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; SEQ ID NO 5901
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5901

Query Match          60.0%; Score 12; DB 3; Length 16;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 5 AGGCTCGCTCA 16
Db 4 AGGCCUGCUCA 15

RESULT 7
US-08-584-040-2109
; Sequence 2109, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2109

Query Match          60.0%; Score 12; DB 3; Length 17;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 5 AGGCTCGCTCA 16
Db 4 AGGCCUGCUCA 15
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Db 3 AGGCCUUGCUCA 14

## RESULT 8

US-09-371-772B-654  
; Sequence 654, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 654  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-654

Query Match 60.0%; Score 12; DB 3; Length 17;  
Best Local Similarity 83.3%; Pred. No. 1.1e+03;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 5 AGGCCTCGCTCA 16  
|||||:||||:  
Db 3 AGGCCUUGCUCA 14

## RESULT 9

US-09-371-772B-4974  
; Sequence 4974, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4974  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4974

Query Match 60.0%; Score 12; DB 3; Length 17;  
Best Local Similarity 83.3%; Pred. No. 1.1e+03;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 5 AGGCCTCGCTCA 16  
|||||:||||:  
Db 5 AGGCCUUGCUCA 16

## RESULT 10

US-09-371-772B-4975  
; Sequence 4975, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4975  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4975

Query Match 60.0%; Score 12; DB 3; Length 17;  
Best Local Similarity 83.3%; Pred. No. 1.1e+03;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 5 AGGCCTCGCTCA 16  
|||||:||||:  
Db 4 AGGCCUUGCUCA 15

## RESULT 11

US-09-685-664B-654  
; Sequence 654, Application US/09685664B  
; Patent No. 6818447  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00-876-K (400/021)  
; CURRENT APPLICATION NUMBER: US/09/685,664B  
; CURRENT FILING DATE: 2000-10-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; PRIOR APPLICATION NUMBER: US 09/371,772  
; PRIOR FILING DATE: 1999-08-10  
; NUMBER OF SEQ ID NOS: 8231  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 654  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-685-664B-654

Query Match 60.0%; Score 12; DB 3; Length 17;  
Best Local Similarity 83.3%; Pred. No. 1.1e+03;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 5 AGGCCTCGCTCA 16  
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Db 3 AGGCCUGCUCA 14

RESULT 12

US-09-396-196G-12283  
 ; Sequence 12283, Application US/09396196G  
 ; Patent No. 6821724  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Michael Mittmann  
 ; APPLICANT: David Lockhart  
 ; APPLICANT: Affymetrix, Inc.  
 ; TITLE OF INVENTION: Methods of Genetic Analysis  
 ; FILE REFERENCE: 3101.1  
 ; CURRENT APPLICATION NUMBER: US/09/396,196G  
 ; CURRENT FILING DATE: 1999-09-15  
 ; PRIOR FILING DATE: 1998-09-17  
 ; NUMBER OF SEQ ID NOS: 60/100,678  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 12283  
 ; LENGTH: 25  
 ; TYPE: DNA  
 ; ORGANISM: Mus musculus  
 US-09-396-196G-12283

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 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 13

US-09-396-196G-12284  
 ; Sequence 12284, Application US/09396196G  
 ; Patent No. 6821724  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Michael Mittmann  
 ; APPLICANT: David Lockhart  
 ; APPLICANT: Affymetrix, Inc.  
 ; TITLE OF INVENTION: Methods of Genetic Analysis  
 ; FILE REFERENCE: 3101.1  
 ; CURRENT APPLICATION NUMBER: US/09/396,196G  
 ; CURRENT FILING DATE: 1999-09-15  
 ; PRIOR FILING DATE: 1998-09-17  
 ; NUMBER OF SEQ ID NOS: 60/100,678  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
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 ; LENGTH: 25  
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 US-09-396-196G-12284

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RESULT 14

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 ; Patent No. 6821724  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Michael Mittmann

; APPLICANT: David Mack  
 ; APPLICANT: David Lockhart  
 ; APPLICANT: Affymetrix, Inc.  
 ; TITLE OF INVENTION: Methods of Genetic Analysis  
 ; FILE REFERENCE: 3101.1  
 ; CURRENT APPLICATION NUMBER: US/09/396,196G  
 ; CURRENT FILING DATE: 1999-09-15  
 ; PRIOR FILING DATE: 1998-09-17  
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 ; ORGANISM: Mus musculus  
 US-09-396-196G-12680

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 Db 6 CCTCGCTCAGAA 17

RESULT 15

US-09-396-196G-43433  
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 ; Patent No. 6821724  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Michael Mittmann  
 ; APPLICANT: David Lockhart  
 ; APPLICANT: Affymetrix, Inc.  
 ; TITLE OF INVENTION: Methods of Genetic Analysis  
 ; FILE REFERENCE: 3101.1  
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 ; CURRENT FILING DATE: 1999-09-15  
 ; PRIOR FILING DATE: 1998-09-17  
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 US-09-396-196G-43433

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 Db 9 AGGCCTCGCTCA 20

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 Job time : 901 secs

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GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model  
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(without alignments)  
3.346 Million cell updates/sec

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Gapop 10.0 , Gapext 0.5

Searched: 247 seqs, 4346 residues

Total number of hits satisfying chosen parameters: 494

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Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 247 summaries

Database : fetch392rge.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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ALIGNMENTS



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DEFINITION Sequence 5815 from Patent WO0140521.
ACCESSION AX162487
VERSION AX162487.1 GI:14543818
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shimkets, R.A. and Leach, M.
TITLE Nucleic acids containing single nucleotide polymorphisms and
METHODS methods of use thereof
JOURNAL Patent: WO 0140521-A 5815 07-JUN-2001;
Curagen Corporation (US)
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Db 50 CCAGCTGCTGCTTCATATTCGAAGGTTTTCGAGTTTGTGTTGGTCTTA 1

RESULT 2
AR404118/c
LOCUS AR404118 24 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 3 from patent US 6627733.
ACCESSION AR404118
VERSION AR404118.1 GI:40152138
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Johnson, J.D., Rutter, W.J. and Edman, J.C.
TITLE Receptor tyrosine kinase with a discoidin-type binding domain
JOURNAL Patent: US 6627733-A 3 30-SEP-2003;
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RESULT 3
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DEFINITION Sequence 26 from Patent WO03101375.
ACCESSION AX961631
VERSION AX961631.1 GI:40881089
KEYWORDS
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other sequences; artificial sequences.
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Lopez, R.A.
Immunostimulatory oligonucleotides and uses thereof
PATENT: WO 03101375-A 26 11-DEC-2003;
IMMUNOTECH S.A. (AR)
FEATURES
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Query Match 0.5%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3897 TTTTGTGTTCTTCGTTTGTGTTT 3920
|||||
Db 1 TTTTGTGTTCTTCGTTTGTGTTT 24

RESULT 4
AX961678
LOCUS AX961678 24 bp DNA linear PAT 14-JAN-2004
DEFINITION Sequence 73 from Patent WO03101375.
ACCESSION AX961678
VERSION AX961678.1 GI:40881136
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM other sequences; artificial sequences.
1
Lopez, R.A.
Immunostimulatory oligonucleotides and uses thereof
PATENT: WO 03101375-A 73 11-DEC-2003;
IMMUNOTECH S.A. (AR)
FEATURES
source Location/Qualifiers
1..24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Immunostimulatory oligonucleotide"

Query Match 0.5%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3897 TTTTGTGTTCTTCGTTTGTGTTT 3920
|||||
Db 1 TTTTGTGTTCTTCGTTTGTGTTT 24

RESULT 5
CS081426
LOCUS CS081426 22 bp DNA linear PAT 18-MAY-2005
DEFINITION Sequence 9 from Patent WO2005040415.
ACCESSION CS081426
VERSION CS081426.1 GI:66348752
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS McCullough, K. and Wolfgang, C.D.
TITLE Use of genetic polymorphisms to predict drug-induced hepatotoxicity
JOURNAL Patent: WO 2005040415-A 9 06-MAY-2005;
Novartis AG (CH); Novartis Pharma GmbH (AT)
FEATURES
source Location/Qualifiers
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source 1. .22
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
primer_bind 1. .22
/notes="PCR primer 2d6L3P"

Query Match 0.4%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 24;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3716 GGGGCAAGAGGGGTGTCAGGG 3737
| | | | | | | | | | | | | | | |
Db 1 GAGGCAAGAGGAGTGTCAAGG 22

RESULT 6
AX598499
LOCUS AX598499 22 bp DNA linear PAT 14-FEB-2003
DEFINITION Sequence 773 from Patent WO244994.
ACCESSION AX598499
VERSION AX598499.1 GI:28398677
KEYWORDS
SOURCE synthetic construct
ORGANISM other sequences; artificial sequences.
REFERENCE 1
AUTHORS Brower,A., Brow,M.A., Cracauer,R.F., Fors,L., Granske,R., de ardua
Indig,M., Kurensky,D., Luedtke,C., Lukowiak,A., Lyamichev,V.,
Neri,B.P., Reiner,N.D., Roeven,R.T., Skrzypczynski,Z., Ziarno,W.A.,
Comerford,J., Stump,S. and Viegut,D.D.
TITLE Systems and method for detection assay production and sale
JOURNAL Patent: WO 024499-A 773 06-JUN-2002;
FEATURES
source 1. .22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 24;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3716 GGGGCAAGAGGGGTGTCAGGG 3737
| | | | | | | | | | | | | | | |
Db 1 GAGGCAAGAGGAGTGTCAAGG 22

RESULT 7
CS016268
LOCUS CS016268 23 bp DNA linear PAT 11-FEB-2005
DEFINITION Sequence 7 from Patent WO2005007852.
ACCESSION CS016268
VERSION CS016268.1 GI:59675823
KEYWORDS
SOURCE synthetic construct
ORGANISM other sequences; artificial sequences.
REFERENCE 1
AUTHORS Davis,J.C. and Hogan,M.
TITLE Room temperature elution of nucleic acids
JOURNAL Patent: WO 2005007852-A 7 27-JAN-2005;
FEATURES
source 1. .23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Description of Artificial Sequence: Primer
sequence"

Query Match 0.4%; Score 18.4; DB 1; Length 23;
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Best Local Similarity 95.0%; Pred. No. 32;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3720 CAAGAAGGGGTGTCAGGGCC 3739
| | | | | | | | | | | | | | | |
Db 1 CAAGAAGGAGTGTCAAGGCC 20

RESULT 8
AR163843
LOCUS AR163843 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 41 from patent US 6271030.
ACCESSION AR163843
VERSION AR163843.1 GI:16234625
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P., Butler,M.M. and Wyatt,J.
TITLE Antisense inhibition of C/EBP beta expression
JOURNAL Patent: US 6271030-A 41 07-AUG-2001;
FEATURES
source 1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.4%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 36;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 214 GCGCGCGCGGTGCCCG 232
| | | | | | | | | | | | | | | |
Db 1 GCGCGCGCGCGGTGCCCG 19

RESULT 9
A27173
LOCUS A27173 20 bp DNA linear PAT 23-JUN-1995
DEFINITION Synthetic oligonucleotide primer.
ACCESSION A27173
VERSION A27173.1 GI:1248377
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS
TITLE CLONING OF A NEW MEMBER OF THE FIBROBLAST GROWTH FACTOR (FGF)
RECEPTOR FAMILY
JOURNAL Patent: WO 9213948-A 3 20-AUG-1992;
FEATURES
source 1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 0.4%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2584 GTCCACCGAGACTGGC 2600
| | | | | | | | | | | | | | | |
Db 4 GTCCACCGAGACTGGC 20

RESULT 10
CS011833/c
LOCUS CS011833 20 bp DNA linear PAT 11-FEB-2005
DEFINITION Sequence 1758 from Patent WO2005007144.
ACCESSION CS011833
VERSION CS011833.1 GI:59671648
KEYWORDS
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SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Hakonarson, H., Gurney, M.E. and Halapi, E.  
TITLE Methods of diagnosis and treatment for asthma based on haplotype association  
JOURNAL Patent: WO 2005007144-A 1758 27-JAN-2005;  
FEATURES Decode Genetics EHF. (IS)  
source Location/Qualifiers  
1. .20  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 46;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2065 AGGAAGCAGCAGCATGGGAG 2084  
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Db 20 AGGAAGGAGAGCAAGGGAG 1

RESULT 11  
AR271110/c  
LOCUS AR271110 20 bp DNA linear PAT 10-APR-2003  
DEFINITION Sequence 53 from patent US 6503152.  
ACCESSION AR271110  
VERSION AR271110.1 GI:29702413  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Pelz, D.T.  
TITLE Putting trainer  
JOURNAL Patent: US 6503152-A 53 07-JAN-2003;  
FEATURES Location/Qualifiers  
source 1. .20  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 46;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2642 TGTCTGACTTTGGCCTTTCC 2661  
||||| ||||||| |||||||  
Db 20 TGTGTGACTTTGGGCTTTCC 1

RESULT 12  
AX020539  
LOCUS AX020539 20 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 39 from Patent WO9934016.  
ACCESSION AX020539  
VERSION AX020539.1 GI:10044229  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Vider, B.Z.  
TITLE A method for identifying and characterizing cells and tissues  
JOURNAL Patent: WO 9934016-A 39 08-JUL-1999;  
GENEVA LTD (IL); VIDER BEN ZION (IL)  
FEATURES Location/Qualifiers  
source 1. .20

/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 46;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2638 AAAGTCTCAGACTTTGGCCT 2657  
||||| ||||||| |||||||  
Db 1 AAAGTCTCAGACTTTGGCCT 20

RESULT 13  
AR139574/c  
LOCUS AR139574 21 bp DNA linear PAT 16-JUN-2001  
DEFINITION Sequence 91 from patent US 6207383.  
ACCESSION AR139574  
VERSION AR139574.1 GI:14482070  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 21)  
AUTHORS Keating, M.T. and Splawski, I.  
TITLE Mutations in and genomic structure of HERG--a long QT syndrome gene  
JOURNAL Patent: US 6207383-A 91 27-MAR-2001;  
FEATURES Location/Qualifiers  
source 1. .21  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 51;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2018 GTGTGGTCTGTGTCCTGGTG 2037  
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Db 20 GTCTGGTCCAGGTCTCTGGTG 1

RESULT 14  
BD223663/c  
LOCUS BD223663 21 bp DNA linear PAT 17-JUL-2003  
DEFINITION Mutations in and genomic structure of HERG - a long QT syndrome gene.  
ACCESSION BD223663  
VERSION BD223663.1 GI:33033433  
KEYWORDS JP 2002521065-A/89.  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1 (bases 1 to 21)  
AUTHORS Keating, M.T. and Splawski, I.  
TITLE Mutations in and genomic structure of HERG - a long QT syndrome gene  
JOURNAL Patent: JP 2002521065-A 89 16-JUL-2002;  
UNIVERSITY OF UTAH RESEARCH FOUNDATION  
COMMENT OS Homo sapiens (human)  
PN JP 2002521065-A/89  
PD 16-JUL-2002  
PF 20-JUL-1999 JP 2000562554  
PR 27-JUL-1998 US 09/122847, 06-JAN-1999 US 09/226012 PI  
MARK T KEATING, IGOR SPLAWSKI  
PC C12N15/09, A01K67/027, C07K14/47, C07K16/18, C12N1/15, C12N1/19, PC  
C12N1/21,  
PC  
C12N5/10, C12N5/10, C12Q1/02, C12Q1/68, G01N33/15, G01N33/50, G01N33/ PC  
53,  
PC G01N33/53, G01N33/566, G01N33/577//C12P21/08, C12N15/00, C12N5/00,  
PC C12N5/00

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CC Mutations in and genomic structure of HERG - a long QT CC
FH Key Location/Qualifiers
FT source 1..21
FT Location/Qualifiers
FEATURES
    source 1..21
        /organism="Homo sapiens"
        /mol_type="genomic DNA"
        /db_xref="taxon:9606"

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2018 GTGTGGTCCTGGTCCTGGTG 2037
||| ||||| ||||| |||||
DB 20 GTCTGGTCCAGGTCCTGGTG 1

RESULT 15
CS124289/c
LOCUS CS124289 21 bp DNA linear PAT 21-JUL-2005
DEFINITION Sequence 91 from Patent EP1553190.
ACCESSION CS124289
VERSION CS124289.1 GI:71057372
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Keating,M.T.
TITLE Mutations in and genomic structure of HERG - a long QT syndrome
JOURNAL Patent: EP 1553190-A 91 13-JUL-2005;
The University of Utah Research Foundation (US)
FEATURES
    source 1..21
        /organism="Homo sapiens"
        /mol_type="unassigned DNA"
        /db_xref="taxon:9606"

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2018 GTGTGGTCCTGGTCCTGGTG 2037
||| ||||| ||||| |||||
DB 20 GTCTGGTCCAGGTCCTGGTG 1

RESULT 16
AX020764/c
LOCUS AX020764 21 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 264 from Patent WO9934016.
ACCESSION AX020764
VERSION AX020764.1 GI:10044463
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
TITLE A method for identifying and characterizing cells and tissues
JOURNAL Patent: WO 9934016-A 264 08-JUL-1999;
GENEVA LTD (IL); VIDER BEN ZION (IL)
FEATURES
    source 1..21
        /organism="Homo sapiens"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 51;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2776 ACTGATGCTCGAGTTACGG 2795
||||| ||||| ||||| |||||
DB 21 AGTGATGCTCGAGTTACGG 2

RESULT 17
AR242045
LOCUS AR242045 18 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 333 from patent US 6472154.
ACCESSION AR242045
VERSION AR242045.1 GI:27287857
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
TITLE Polymorphic repeats in human genes
JOURNAL Patent: US 6472154-A 333 29-OCT-2002;
Board of Regents, The University of Texas System; Austin, TX
FEATURES
    source 1..18
        /organism="unknown"
        /mol_type="genomic DNA"

Query Match 0.4%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 43;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1069 GGCCCCCAGCCCGAGCCTC 1086
||||| ||||| ||||| |||||
DB 1 GGCCCCCAGCTCCAGCCTC 18

RESULT 18
AL17922/c
LOCUS AL17922 20 bp DNA linear PAT 20-APR-1994
DEFINITION oligonucleotide primer.
ACCESSION AL17922
VERSION AL17922.1 GI:513117
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 20)
AUTHORS Meyer,U.A.
TITLE Detection of poor metabolizers of drugs
JOURNAL Patent: EP 0463395-A 13 02-JAN-1992;
F. HOFFMANN-LA ROCHE AG
FEATURES
    source 1..20
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"

Query Match 0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 54;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3722 AGAAGGGGTGTCAGGGCC 3739
||||| ||||| ||||| |||||
DB 20 AGAAGGAGTGTACGGCC 3

RESULT 19
AR063227/c
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LOCUS AR063227 20 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 6 from patent US 5844108.  
ACCESSION AR063227  
VERSION AR063227.1 GI:5990918  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Meyer,U.Albert.  
TITLE Primers targeted to NAT2 gene for detection of poor metabolizers of drugs  
JOURNAL Patent: US 5844108-A 6 01-DEC-1998;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.4%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 54;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 3722 AGAAGGGGTGTCTCAGGGCC 3739  
Db 20 AGAAGGAGTGTCTCAGGGCC 3  
RESULT 20  
LOCUS 156128/c  
DEFINITION Sequence 6 from patent US 5648482.  
ACCESSION 156128  
VERSION 156128.1 GI:2476922  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Meyer,U.Albert.  
TITLE Primers targeted to CYP2D6 gene for detecting poor metabolizers of drugs  
JOURNAL Patent: US 5648482-A 6 15-JUL-1997;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.4%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 54;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 3722 AGAAGGGGTGTCTCAGGGCC 3739  
Db 20 AGAAGGAGTGTCTCAGGGCC 3  
RESULT 21  
LOCUS 156528/c  
DEFINITION Sequence 3 from patent US 5649638.  
ACCESSION 156528  
VERSION 156528.1 GI:2476941  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Roy,R. and Paris,M.-C.  
TITLE Device enabling two containers to be joined with each other and container having such a device  
JOURNAL Patent: US 5649638-A 3 22-JUL-1997;  
FEATURES Location/Qualifiers  
source 1..20

/organism="unknown"  
/mol\_type="unassigned DNA"  
Query Match 0.4%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 54;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 3722 AGAAGGGGTGTCTCAGGGCC 3739  
Db 20 AGAAGGAGTGTCTCAGGGCC 3  
RESULT 22  
LOCUS AR311563/c  
DEFINITION Sequence 2100 from patent US 6559294.  
ACCESSION AR311563  
VERSION AR311563.1 GI:31704989  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 20)  
AUTHORS Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher L.D.  
TITLE Chlamydia pneumoniae polynucleotides and uses thereof  
JOURNAL Patent: US 6559294-A 2100 06-MAY-2003;  
Genset, S.A.;;  
FRX;  
FEATURES Location/Qualifiers  
source 1..20  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.4%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 54;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 3134 AAATGGGAAGATCGAAG 3151  
Db 19 AAATGGGAAGATCGAAG 2  
RESULT 23  
LOCUS AX673481/c  
DEFINITION Sequence 1926 from Patent WO03004526.  
ACCESSION AX673481  
VERSION AX673481.1 GI:29331829  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines  
JOURNAL Patent: WO 03004526-A 1926 16-JAN-2003;  
Molecular Engines Laboratories (FR)  
FEATURES Location/Qualifiers  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 45;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 3469 TTTGGAGACAGGAT 3484



REFERENCE 1 (bases 1 to 19)  
AUTHORS Robbins,J.M. and Tritz,R.  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases  
JOURNAL Patent: US 6770633-A 72 03-AUG-2004;  
Immusol, Inc.; San Diego, CA  
FEATURES  
source 1..19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.4%; Score 16; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4188 CTTTGTGATAAATAA 4203  
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Db 19 CTTTGTGATAAATAA 4

RESULT 29  
AX128854/c  
LOCUS AR570745 19 bp DNA linear PAT 14-DEC-2004  
DEFINITION Sequence 73 from patent US 6770633.  
ACCESSION AR570745  
VERSION AR570745.1 GI:56571637  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Robbins,J.M. and Tritz,R.  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases  
JOURNAL Patent: US 6770633-A 73 03-AUG-2004;  
Immusol, Inc.; San Diego, CA  
FEATURES  
source 1..19  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.4%; Score 16; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4188 CTTTGTGATAAATAA 4203  
|||||  
Db 17 CTTTGTGATAAATAA 2

RESULT 30  
AX128854/c  
LOCUS AR570745 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 72 from Patent WO0130362.  
ACCESSION AR570745  
VERSION AR570745.1 GI:14135159  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Robbins,J.M. and Tritz,R.  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases  
JOURNAL Patent: WO 0130362-A 72 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source 1..19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

/note="Cdk1 ribozyme binding site"

Query Match 0.4%; Score 16; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4188 CTTTGTGATAAATAA 4203  
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Db 19 CTTTGTGATAAATAA 4

RESULT 31  
AX128855/c  
LOCUS AX128855 19 bp DNA linear PAT 15-MAY-2001  
DEFINITION Sequence 73 from Patent WO0130362.  
ACCESSION AX128855  
VERSION AX128855.1 GI:14135160  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Robbins,J.M. and Tritz,R.  
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases  
JOURNAL Patent: WO 0130362-A 73 03-MAY-2001;  
IMMUSOL, INC. (US)  
FEATURES  
source 1..19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
/note="Cdk1 ribozyme binding site"

Query Match 0.4%; Score 16; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4188 CTTTGTGATAAATAA 4203  
|||||  
Db 17 CTTTGTGATAAATAA 2

RESULT 32  
AX378628  
LOCUS AX378628 19 bp DNA linear PAT 18-MAR-2002  
DEFINITION Sequence 417 from Patent WO0206525.  
ACCESSION AX378628  
VERSION AX378628.1 GI:19574481  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Cohen,D., Blumenfeld,M., Chumakov,I., Abderrahim,H. and Bihain,B.  
TITLE Obesity associated biallelic marker maps  
JOURNAL Patent: WO 0206525-A 417 24-JAN-2002;  
GENSET (FR)  
FEATURES  
source 1..19  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
primer\_bind 1..19  
/note="downstream amplification primer 99-38897 for SEQ 75, in complement"

Query Match 0.4%; Score 16; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 57;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4117 TACTTGGTGGTGAAC 4132  
|||||  
Db 1 TAGTTGGTGGTGAAC 16

RESULT 33  
AR063168  
LOCUS AR063168 19 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 22 from patent US 5844092.  
ACCESSION AR063168  
VERSION AR063168.1 GI:5990859  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Presta,L.G., Shelton,D.L. and Ufer,R.  
TITLE Human TRK receptors and neurotrophic factor inhibitors  
JOURNAL Patent: US 5844092-A 22 01-DEC-1998;  
FEATURES Location/Qualifiers  
source  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 62;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3539 ACTCCAGACCAAGGGTGAG 3557  
|||||  
Db 1 ACGCCAGGCCAAGGGTGAG 19

RESULT 34  
AR071364  
LOCUS AR071364 19 bp DNA linear PAT 18-FEB-2000  
DEFINITION Sequence 22 from patent US 5910574.  
ACCESSION AR071364  
VERSION AR071364.1 GI:7222252  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 19)  
AUTHORS Presta,L.G., Shelton,D.L. and Ufer,R.  
TITLE Human trk receptors and neurotrophic factor inhibitors  
JOURNAL Patent: US 5910574-A 22 08-JUN-1999;  
FEATURES Location/Qualifiers  
source  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 62;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3539 ACTCCAGACCAAGGGTGAG 3557  
|||||  
Db 1 ACGCCAGGCCAAGGGTGAG 19

RESULT 35  
AR119350  
LOCUS AR119350 19 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 22 from patent US 6153189.  
ACCESSION AR119350  
VERSION AR119350.1 GI:14102049  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 19)  
AUTHORS Presta,L.G., Shelton,D.L. and Ufer,R.  
TITLE Human TRK receptors and neurotrophic factor inhibitors  
JOURNAL Patent: US 6153189-A 22 28-NOV-2000;  
FEATURES Location/Qualifiers  
source  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 62;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3539 ACTCCAGACCAAGGGTGAG 3557  
|||||  
Db 1 ACGCCAGGCCAAGGGTGAG 19

RESULT 36  
AX427040  
LOCUS AX427040 19 bp DNA linear PAT 18-JUN-2002  
DEFINITION Sequence 4 from Patent WO0196604.  
ACCESSION AX427040  
VERSION AX427040.1 GI:21530423  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Bee,G., Kohne,D.E., Korb,L., Peterson,T. and Yguerabide,J.  
TITLE Assay for genetic polymorphisms using scattered light detectable labels  
JOURNAL Patent: WO 0196604-A 4 20-DEC-2001;  
FEATURES Genicon Sciences Corporation (US)  
source  
Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Primer"

Query Match 0.4%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 62;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1947 CCAGACCCCAACTGGATGAG 1965  
|||||  
Db 1 CCTGACCCAGCTGGATGAG 19

RESULT 37  
AX440559/c  
LOCUS AX440559 19 bp DNA linear PAT 28-JUN-2002  
DEFINITION Sequence 63 from Patent WO0206529.  
ACCESSION AX440559  
VERSION AX440559.1 GI:21665360  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Germino,G.G., Watnick,T.J. and Phakdeekitcharoen,B.  
TITLE Detection and treatment of polycystic kidney disease  
JOURNAL Patent: WO 0206529-A 63 24-JAN-2002;  
FEATURES The Johns Hopkins University School of Medicine (US)  
source  
Location/Qualifiers  
1. .19  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer 13R"

Query Match 0.4%; Score 15.8; DB 1; Length 19;



Best Local Similarity 89.5%; Pred. No. 62;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1068 TGGCCCCAGCCCCAGCCTC 1086  
Db 19 TTGTCCAGCCCCAGCCTC 1

RESULT 38  
AR057744  
LOCUS AR057744 17 bp DNA linear PAT 29-SEP-1999  
DEFINITION Sequence 1948 from patent US 5837542.  
ACCESSION AR057744  
VERSION AR057744.1 GI:5983321  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.  
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes  
JOURNAL Patent: US 5837542-A 1948 17-NOV-1998;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1218 AGAAGGGTCTGCGCAGC 1234  
Db 1 AGAAGGGTCTGCGAAGC 17

RESULT 39  
AR115502  
LOCUS AR115502 17 bp DNA linear PAT 16-MAY-2001  
DEFINITION Sequence 1948 from patent US 6132967.  
ACCESSION AR115502  
VERSION AR115502.1 GI:14095824  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.  
TITLE Ribozyme treatment of diseases or conditions related to levels of Intercellular adhesion molecule-1 (ICAM-1)  
JOURNAL Patent: US 6132967-A 1948 17-OCT-2000;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1218 AGAAGGGTCTGCGCAGC 1234  
Db 1 AGAAGGGTCTGCGAAGC 17

RESULT 40  
BD258254  
LOCUS BD258254 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD258254  
VERSION BD258254.1 GI:33068024

KEYWORDS JP 2002541795-A/6047.  
SOURCE unidentified  
ORGANISM unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.  
TITLE Regulation of repressor genes using nucleic acid molecules  
JOURNAL Patent: JP 2002541795-A 6047 10-DEC-2002;  
COMMENT RIBOZYME PHARMACEUTICALS INC  
OS Eukaryote  
PN JP 2002541795-A/6047  
PD 10-DEC-2002  
PF 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN  
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC  
C12P21/02,  
PC C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC  
C12R1:91),  
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,  
PC A61K37/02,  
PC (C12N5/00, C12R1:91)  
CC Regulation of repressor genes using nucleic acid molecules FH  
Key Location/Qualifiers  
FT source 1..17  
/organism="Eukaryote".  
FEATURES Location/Qualifiers  
source 1..17  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1566 TCCTGACTTCACCTATA 1582  
Db 1 TCCTGACTTCACCTATA 17

RESULT 41  
CO616913/c  
LOCUS CO616913 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 1653 from Patent WO0192524.  
ACCESSION CO616913  
VERSION CO616913.1 GI:41667131  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 1653 06-DEC-2001;  
FEATURES Location/Qualifiers  
source 1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3966 TATGGCTCTTTGGCC 3982  
Db 17 TCTGGCTCTCTTTGGCC 1

RESULT 42  
CQ616914/c  
LOCUS  
DEFINITION  
Sequence 1654 from Patent WO0192524.  
ACCESSION  
CQ616914  
VERSION  
CQ616914.1 GI:41667132  
KEYWORDS  
Homo sapiens (human)  
SOURCE  
ORGANISM  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominoidea; Homo.

REFERENCE  
1 Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE  
Myosin-like gene expressed in human heart and muscle  
JOURNAL  
Patent: WO 0192524-A 1654 06-DEC-2001;  
Acemica, Inc. (US)

FEATURES  
source  
1. .17  
Location/Qualifiers  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3965 CTATGGCCTCCTTGCC 3981  
Db 17 CTCTGGCCTCCTTGCC 1

RESULT 43  
CS003951  
LOCUS  
DEFINITION  
Sequence 1979 from Patent EP1502950.  
ACCESSION  
CS003951  
VERSION  
CS003951.1 GI:58739306  
KEYWORDS  
unidentified  
SOURCE  
unclassified.

REFERENCE  
1 Stinchcomb, D.T., Chowrira, B., Drenzo, A., Draper, K.G., Dudycz, L.W., Grimm, S., Karpelsky, A., Kisich, K., Matulic-Adamic, J., McSwiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.  
TITLE  
Method for purifying chemically modified RNA  
JOURNAL  
Patent: EP 1502950-A 1979 02-FEB-2005;  
Ribozyme Pharmaceuticals, Inc. (US)

FEATURES  
source  
1. .17  
Location/Qualifiers  
/organism="unidentified"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32644"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1218 AGAAGGCTCTGCCAGC 1234  
Db 1 AGAAGGCTCTGCCAGC 17

RESULT 44  
AR457976/c  
LOCUS  
DEFINITION  
Sequence 1653 from patent US 6686188.

ACCESSION  
AR457976  
VERSION  
AR457976.1 GI:42693033  
KEYWORDS  
Unknown.  
SOURCE  
ORGANISM  
Unclassified.  
REFERENCE  
1 (bases 1 to 17)  
AUTHORS  
Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE  
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL  
Patent: US 6686188-A 1653 03-FEB-2004;  
Amersham PLC; Buckinghamshire;  
GBX;

FEATURES  
source  
1. .17  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3966 TATGGCCTCCTTGCC 3982  
Db 17 TCTGGCCTCCTTGCC 1

RESULT 45  
AR457977/c  
LOCUS  
DEFINITION  
Sequence 1654 from patent US 6686188.  
ACCESSION  
AR457977  
VERSION  
AR457977.1 GI:42693034  
KEYWORDS  
Unknown.  
SOURCE  
ORGANISM  
Unclassified.  
REFERENCE  
1 (bases 1 to 17)  
AUTHORS  
Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE  
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL  
Patent: US 6686188-A 1654 03-FEB-2004;  
Amersham PLC; Buckinghamshire;  
GBX;

FEATURES  
source  
1. .17  
Location/Qualifiers  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3965 CTATGGCCTCCTTGCC 3981  
Db 17 CTCTGGCCTCCTTGCC 1

RESULT 46  
AX266555  
LOCUS  
DEFINITION  
Sequence 3946 from Patent WO0173002.  
ACCESSION  
AX266555  
VERSION  
AX266555.1 GI:16515354  
KEYWORDS  
Homo sapiens (human)  
SOURCE  
ORGANISM  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominoidea; Homo.

REFERENCE  
1

AUTHORS Kmiec,E.B., Camper,H.B. and Rice,M.C.  
TITLE Targeted chromosomal genomic alterations with modified single stranded oligonucleotides  
JOURNAL Patent: WO 0173002-A 3946 04-OCT-2001;  
UNIVERSITY OF DELAWARE (US)  
FEATURES Location/Qualifiers  
source  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 CCTGAAGGGTGGCTACA 2335  
Db 1 CCTGAAGGGTGGCTACA 17

RESULT 47  
AX266556/c  
LOCUS AX266556 17 bp DNA linear PAT 26-OCT-2001  
DEFINITION Sequence 3947 from Patent WO0173002.  
ACCESSION AX266556  
VERSION AX266556.1 GI:16515355  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Kmiec,E.B., Camper,H.B. and Rice,M.C.  
TITLE Targeted chromosomal genomic alterations with modified single stranded oligonucleotides  
JOURNAL Patent: WO 0173002-A 3947 04-OCT-2001;  
UNIVERSITY OF DELAWARE (US)  
FEATURES Location/Qualifiers  
source  
1..17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 CCTGAAGGGTGGCTACA 2335  
Db 17 CCTGAAGGGTGGCTACA 1

RESULT 48  
AX474958/c  
LOCUS AX474958 17 bp DNA linear PAT 12-AUG-2002  
DEFINITION Sequence 179 from Patent WO0224750.  
ACCESSION AX474958  
VERSION AX474958.1 GI:22214243  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Zhang,J.  
TITLE Human kidney tumor overexpressed membrane protein 1  
JOURNAL Patent: WO 0224750-A 179 28-MAR-2002;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
source  
1..17  
/organism="Homo sapiens"

/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4039 CCACATCCCGGACCCC 4055  
Db 17 CCACATCCCGGACTCC 1

RESULT 49  
AX634840  
LOCUS AX634840 17 bp RNA linear PAT 21-FEB-2003  
DEFINITION Sequence 1979 from Patent EP1260586.  
ACCESSION AX634840  
VERSION AX634840.1 GI:28470454  
KEYWORDS  
SOURCE unidentified  
ORGANISM unclassified sequences.

REFERENCE 1  
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.  
TITLE Method and reagent for inhibiting the expression of disease related genes  
JOURNAL Patent: EP 1260586-A 1979 27-NOV-2002;  
RIBOZYME PHARMACEUTICALS, INC. (US)  
FEATURES Location/Qualifiers  
source  
1..17  
/organism="unidentified"  
/mol\_type="unassigned RNA"  
/db\_xref="taxon:32644"

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 57;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1218 AGAAGGGTCTGCCAGC 1234  
Db 1 AGAAGGGTCTGCCAGC 17

RESULT 50  
CO857992  
LOCUS CO857992 18 bp DNA linear PAT 31-AUG-2004  
DEFINITION Sequence 51 from Patent WO2004069189.  
ACCESSION CO857992  
VERSION CO857992.1 GI:51852097  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM other sequences; artificial sequences.

REFERENCE 1  
AUTHORS Branch,R.A. and Romkes,M.  
TITLE Methods of assessment of drug metabolizing enzymes  
JOURNAL Patent: WO 2004069189-A 51 19-AUG-2004;  
Innovaccuticals, Inc. (US)  
FEATURES Location/Qualifiers  
source  
1..18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Description of Artificial Sequence: Synthetic oligonucleotide"

Query Match 0.4%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 65;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3718 GGCAAGAAGGGGTGCA 3734  
 Db 2 GGCAAGAAGGAGTGCA 18

RESULT 51  
 CS049505/c  
 LOCUS 19 bp RNA linear PAT 22-MAR-2005  
 DEFINITION Sequence 609 from Patent WO2005019453.  
 ACCESSION CS049505  
 VERSION CS049505.1 GI:61855127  
 KEYWORDS  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 other sequences; artificial sequences.

REFERENCE  
 1  
 AUTHORS McSwiggen, J., Morrissey, D., Zinnen, S., Jadhav, V. and Vaish, N.  
 TITLE RNA interference mediated inhibition of gene expression using  
 chemically modified short interfering Nucleic Acid (siNA)  
 JOURNAL Patent: WO 2005019453-A 609 03-MAR-2005;  
 SiRNA Therapeutics, Inc. (US)

FEATURES  
 Location/Qualifiers  
 source 1..19  
 /organism="synthetic construct"  
 /mol\_type="unassigned RNA"  
 /db\_xref="taxon:32630"  
 /note="Description of Artificial Sequence: siNA antisense  
 region"  
 misc\_feature 2..3  
 /note="2#-deoxy-2#-Fluoro"  
 misc\_feature 6  
 /note="2#-deoxy-2#-Fluoro"  
 misc\_feature 9..11  
 /note="2#-deoxy-2#-Fluoro"  
 misc\_feature 14  
 /note="2#-deoxy-2#-Fluoro"  
 misc\_feature 16  
 /note="2#-deoxy-2#-Fluoro"

Query Match 0.4%; Score 15.4; DB 1; Length 19;  
 Best Local Similarity 94.1%; Pred. No. 73;  
 Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2931 CATGCTGGACTGTGGC 2947  
 Db 17 CATGCTGGACTGTGGC 1

RESULT 52  
 ARI29565/c  
 LOCUS 17 bp DNA linear PAT 16-MAY-2001  
 DEFINITION Sequence 15 from patent US 6187534.  
 ACCESSION ARI29565  
 VERSION ARI29565.1 GI:14117462  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 Unclassified.

REFERENCE  
 1 (bases 1 to 17)  
 AUTHORS Strom, T.B., Vasconcellos, L. and Suthanthiran, M.  
 TITLE Methods of evaluating transplant rejection  
 JOURNAL Patent: US 6187534-A 15.13-FEB-2001;  
 Location/Qualifiers  
 source 1..17  
 /organism="unknown"  
 /mol\_type="unassigned DNA"

Query Match 0.4%; Score 15; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 68;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3961 TTCACATATGGCCTCC 3975  
 Db 15 TTCACATATGGCCTCC 1

Db 15 TTCACATATGGCCTCC 1

RESULT 53  
 BD081278/c  
 LOCUS 17 bp DNA linear PAT 27-AUG-2002  
 DEFINITION Method of evaluating rejection of transplanted tissue.  
 ACCESSION BD081278  
 VERSION BD081278.1 GI:22626881  
 KEYWORDS JP 2001517459-A/15.  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
 Hominidae; Homo.  
 1 (bases 1 to 17)  
 AUTHORS Strom, T.B., Vasconcellos, L. and Suthanthiran, M.  
 TITLE Method of evaluating rejection of transplanted tissue  
 JOURNAL Patent: JP 2001517459-A 15 09-OCT-2001;  
 BETH ISRAEL DEACONESS MEDICAL CENTER, CORNELL RESEARCH FOUNDATION  
 INC

COMMENT OS Homo sapiens (human)  
 PN JP 2001517459-A/15  
 PD 09-OCT-2001  
 PF 22-SEP-1998 JP 2000512987  
 PR 24-SEP-1997 US 08/937063  
 PI TERRY B STROM, LAURO VASCONCELLOS, MANIKAM SUTHANTHIRAN PC  
 C12Q1/68, C12N15/09, G01N33/50, C12N15/00  
 CC Method of evaluating rejection of transplanted tissue FH Key  
 Location/Qualifiers  
 FT source 1..17  
 FT /organism="Homo sapiens (human)".

FEATURES  
 source 1..17  
 Location/Qualifiers  
 /organism="Homo sapiens"  
 /mol\_type="genomic DNA"  
 /db\_xref="taxon:9606"

Query Match 0.4%; Score 15; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 68;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3961 TTCACATATGGCCTCC 3975  
 Db 15 TTCACATATGGCCTCC 1

RESULT 54  
 CQ616911/c  
 LOCUS 17 bp DNA linear PAT 02-FEB-2004  
 DEFINITION Sequence 1651 from Patent WO0192524.  
 ACCESSION CQ616911  
 VERSION CQ616911.1 GI:41667129  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
 Hominidae; Homo.  
 1  
 AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and  
 Shannon, M.E.  
 TITLE Myosin-like gene expressed in human heart and muscle  
 JOURNAL Patent: WO 0192524-A 1651 06-DEC-2001;  
 Aeomica, Inc. (US)

FEATURES  
 source 1..17  
 Location/Qualifiers  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.4%; Score 15; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3968 TGGCCTCTTTGCC 3982  
Db 17 TGGCCTCTTTGCC 3

RESULT 55  
LOCUS CQ616912/2  
DEFINITION Sequence 1652 from Patent WO0192524.  
ACCESSION CQ616912  
VERSION CQ616912.1 GI:41667130  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 1652 06-DEC-2001;  
Aeomica, Inc. (US)

FEATURES  
source  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3968 TGGCCTCTTTGCC 3982  
Db 16 TGGCCTCTTTGCC 2

RESULT 56  
LOCUS CQ800594  
DEFINITION Sequence 42 from Patent EP1413626.  
ACCESSION CQ800594  
VERSION CQ800594.1 GI:47057317  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM other sequences; artificial sequences.

REFERENCE 1  
AUTHORS Donadio,S., Sosio,M. and Beltrametti,F.  
TITLE Genes and proteins for the biosynthesis of the glycopeptide antibiotic A40926  
JOURNAL Patent: EP 1413626-A 42 28-APR-2004;  
Vicuron Pharmaceuticals, Inc. (US)

FEATURES  
source  
1. .17  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1260 CACCATTTGGATCAGC 1274  
Db 2 CACCATTTGGATCAGC 16

RESULT 57  
LOCUS AR327608  
DEFINITION Sequence 5010 from patent US 6566127.  
ACCESSION AR327608  
VERSION AR327608.1 GI:33713416  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

CQ813465  
LOCUS CQ813465  
DEFINITION Sequence 42 from Patent WO2004038025.  
ACCESSION CQ813465  
VERSION CQ813465.1 GI:47602720  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM other sequences; artificial sequences.

REFERENCE 1  
AUTHORS Donadio,S., Sosio,M. and Beltrametti,F.  
TITLE Genes and proteins for the biosynthesis of the glycopeptide antibiotic A40926  
JOURNAL Patent: WO 2004038025-A 42 06-MAY-2004;  
Vicuron Pharmaceuticals, Inc. (US)

FEATURES  
Location/Qualifiers  
source  
1. .17  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="PCR primer"

Query Match 0.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1260 CACCATTTGGATCAGC 1274  
Db 2 CACCATTTGGATCAGC 16

RESULT 58  
LOCUS CQ870993  
DEFINITION Sequence 44 from Patent EP1460085.  
ACCESSION CQ870993  
VERSION CQ870993.1 GI:52745152  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM other sequences; artificial sequences.

REFERENCE 1  
AUTHORS Donadio,S., Sosio,M. and Bianchi,A.  
TITLE Genes and proteins for the biosynthesis of the glycopeptide antibiotic teicoplanin  
JOURNAL Patent: EP 1460085-A 44 22-SEP-2004;  
Vicuron Pharmaceuticals, Inc. (US)

FEATURES  
Location/Qualifiers  
source  
1. .17  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"

Query Match 0.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1260 CACCATTTGGATCAGC 1274  
Db 2 CACCATTTGGATCAGC 16

RESULT 59  
LOCUS AR327608  
DEFINITION Sequence 5010 from patent US 6566127.  
ACCESSION AR327608  
VERSION AR327608.1 GI:33713416  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 5010 20-MAY-2003;  
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
FEATURES  
source 1. .17  
/organism="unknown"  
/mol\_type="unassigned RNA"  
Query Match 0.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2894 CCCCCCCCCCAGACT 2908  
Db 3 CCCCCCCCCCAGACT 17

RESULT 60  
AR327609 AR327609 17 bp RNA linear PAT 17-AUG-2003  
LOCUS Sequence 5011 from patent US 6566127.  
DEFINITION AR327609  
ACCESSION AR327609  
VERSION AR327609.1 GI:33713417  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 5011 20-MAY-2003;  
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
FEATURES  
source 1. .17  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2894 CCCCCCCCCCAGACT 2908  
Db 2 CCCCCCCCCCAGACT 16

RESULT 61  
AR327610 AR327610 17 bp RNA linear PAT 17-AUG-2003  
LOCUS Sequence 5012 from patent US 6566127.  
DEFINITION AR327610  
ACCESSION AR327610  
VERSION AR327610.1 GI:33713418  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 5012 20-MAY-2003;  
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
FEATURES  
source 1. .17  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2894 CCCCCCCCCCAGACT 2908  
Db 1 CCCCCCCCCCAGACT 15

RESULT 62  
AR457974/c AR457974 17 bp DNA linear PAT 20-FEB-2004  
LOCUS Sequence 1651 from patent US 6686188.  
DEFINITION AR457974  
ACCESSION AR457974  
VERSION AR457974.1 GI:42693031  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 1651 03-FEB-2004;  
Amersham PLC; Buckinghamshire; GBX;  
FEATURES  
source 1. .17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3968 TGGCCTCCTTTGCC 3982  
Db 17 TGGCCTCCTTTGCC 3

RESULT 63  
AR457975/c AR457975 17 bp DNA linear PAT 20-FEB-2004  
LOCUS Sequence 1652 from patent US 6686188.  
DEFINITION AR457975  
ACCESSION AR457975  
VERSION AR457975.1 GI:42693032  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 1652 03-FEB-2004;  
Amersham PLC; Buckinghamshire; GBX;  
FEATURES  
source 1. .17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 68;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3968 TGGCCTCCTTTGCC 3982  
Db 16 TGGCCTCCTTTGCC 2

RESULT 64  
AR659212/c AR659212 17 bp DNA linear PAT 13-JUN-2005  
LOCUS



Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2894 CCCCCCCCCCAGACT 2908  
| | | | | | | | | | | | | | | |  
Db 4 CCCCCCCCCCAGACT 18

RESULT 69  
AR324068 AR324068 18 bp RNA PAT 17-AUG-2003  
LOCUS Sequence 1470 from patent US 6566127.  
DEFINITION AR324068  
ACCESSION AR324068.1 GI:33709876  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 1470 20-MAY-2003;  
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
FEATURES  
source 1..18  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.4%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 76;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2894 CCCCCCCCCCAGACT 2908  
| | | | | | | | | | | | | | | |  
Db 4 CCCCCCCCCCAGACT 18

RESULT 70  
AR397528 AR397528 18 bp RNA PAT 15-DEC-2004  
LOCUS Sequence 1470 from patent US 6818447.  
DEFINITION AR397528  
ACCESSION AR397528  
KEYWORDS AR397528.1 GI:56648542  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6818447-A 1470 16-NOV-2004;  
Sirna Therapeutics, Inc.; Boulder, CO  
FEATURES  
source 1..18  
/organism="unknown"  
/mol\_type="unassigned RNA"

Query Match 0.4%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 76;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2894 CCCCCCCCCCAGACT 2908  
| | | | | | | | | | | | | | | |  
Db 4 CCCCCCCCCCAGACT 18

RESULT 71  
AR078885 AR078885 18 bp DNA PAT 31-AUG-2000  
LOCUS Sequence 29 from patent US 5965370.  
DEFINITION AR078885  
ACCESSION AR078885  
KEYWORDS AR078885.1 GI:10005631

KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Cowsert, L.M.  
TITLE Antisense modulation of RhoG expression  
JOURNAL Patent: US 5965370-A 29 12-OCT-1999;  
FEATURES  
source Location/Qualifiers  
1..18  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 658 CTCGAGTGCCTGTCCCTG 675  
| | | | | | | | | | | | | | | |  
Db 1 CCGGAGTGCCTGGCCCTG 18

RESULT 72  
BD088814 BD088814 18 bp DNA PAT 27-AUG-2002  
LOCUS A method of arraying genome clone.  
DEFINITION BD088814  
ACCESSION BD088814.1 GI:22634424  
KEYWORDS JP 2001321190-A/1058.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
other sequences; artificial sequences.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Soeda, E.  
TITLE A method of arraying genome clone  
JOURNAL Patent: JP 2001321190-A 1058 20-NOV-2001;  
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA  
GENOTECHS  
OS Artificial Sequence  
FN JP 2001321190-A/1058  
PD 20-NOV-2001  
PF 12-MAR-2001 JP 2001068285  
PI EIICHI SOEDA  
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC C12N15/00  
CC Description of Artificial Sequence: Synthetic DNA  
FT source Location/Qualifiers  
1..18  
/organism="Artificial Sequence".  
FEATURES  
source Location/Qualifiers  
1..18  
/organism="synthetic construct"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2554 GGCATCGGTACCTGCC 2571  
| | | | | | | | | | | | | | | |  
Db 1 GGCATGAGGTACCATGCC 18

RESULT 73  
BD096467 BD096467 18 bp DNA PAT 27-AUG-2002  
LOCUS Diagnosis of migraine with aura, depression and anxiety from allelic variations in dopaminergic genes.  
DEFINITION BD096467  
ACCESSION BD096467  
VERSION BD096467.1 GI:22642055  
KEYWORDS JP 2001527520-A/8.



SOURCE unidentified  
ORGANISM unclassified  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Peroutka,S.J.  
TITLE Diagnosis of migraine with aura, depression and anxiety from allelic variations in dopaminergic genes  
JOURNAL Patent: JP 2001527520-A 8 25-DEC-2001;  
COMMENT GLAXO GROUP LTD  
OS Unidentified  
PN JP 2001527520-A/8  
PD 25-DEC-2001  
PF 21-AUG-1997 JP 1998511012  
PR 22-AUG-1996 US 60/024399,17-JAN-1997 US 60/036091 PI  
STEPHEN J PEROUTKA  
PC A61K31/445  
CC Strandedness: Single;  
CC Topology: Linear;  
CC Diagnosis of migraine with aura, depression and anxiety from allelic variations in dopaminergic genes  
CC variations in dopaminergic genes  
FH Key Location/Qualifiers  
FT source 1..18  
FT Location/Qualifiers  
FEATURES source  
1..18  
/organism="unidentified"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:32644"  
Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 387 GGTGCTGCTGCTGGGC 404  
Db 1 GCTGCTGCTGCTGGGC 18  
RESULT 74  
LOCUS CQ767063 18 bp DNA linear PAT 03-MAR-2004  
DEFINITION Sequence 2 from Patent WO2004005544.  
ACCESSION CQ767063  
VERSION CQ767063.1 GI:44909217  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM other sequences; artificial sequences.  
REFERENCE 1  
AUTHORS Chibout,S.D., Grenet,O., Imbert,G., Kehren,J., Staedtler,F. and Wolfgang,C.D.  
TITLE Marker genes  
JOURNAL Patent: WO 2004005544-A 2 15-JAN-2004;  
Novartis AG (CH); Novartis Pharma GmbH (AT)  
FEATURES Location/Qualifiers  
source 1..18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Kidney injury molecule-1 3' PCR primer"  
primer\_bind 1..18  
Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1377 GAACGGCTCCTCCCTGCA 1394  
Db 1 GCACGCTCCTCCCTGCA 18  
RESULT 75

CS038757  
LOCUS CS038757 18 bp DNA linear PAT 22-MAR-2005  
DEFINITION Sequence 78 from Patent WO2004005543.  
ACCESSION CS038757  
VERSION CS038757.1 GI:61846599  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM other sequences; artificial sequences.  
REFERENCE 1  
AUTHORS Horns,T.  
TITLE Methods and nucleic acids for the analysis of methylation patterns within the dd3 gene  
JOURNAL Patent: WO 2004005543-A 78 15-JAN-2004;  
Epigenomics AG (DE)  
FEATURES Location/Qualifiers  
source 1..18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="MS SnuPE detection oligonucleotide for DD3"  
Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 3857 TTGAGTTTCTGTTTGGT 3874  
Db 1 TTGAGTTTCTGTTTGGT 18  
RESULT 76  
LOCUS AR215624 18 bp DNA linear PAT 25-SEP-2002  
DEFINITION Sequence 172 from patent US 6410323.  
ACCESSION AR215624  
VERSION AR215624.1 GI:23313880  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Roberts,M.L. and Cowser,L.M.  
TITLE Antisense modulation of human Rho family gene expression  
JOURNAL Patent: US 6410323-A 172 25-JUN-2002;  
ISIS Pharmaceuticals, Inc.; Carlsbad, CA  
FEATURES Location/Qualifiers  
source 1..18  
/organism="unknown"  
/mol\_type="genomic DNA"  
Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 658 CTCGAGTGCCTGTCCCTG 675  
Db 1 CGCAGTGCCTGCCCTG 18  
RESULT 77  
LOCUS AR266200 18 bp DNA linear PAT 10-APR-2003  
DEFINITION Sequence 12 from patent US 6492173.  
ACCESSION AR266200  
VERSION AR266200.1 GI:29695046  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Cowser,L.M.  
TITLE Antisense inhibition of cyclin D2 expression

JOURNAL Patent: US 6492173-A 12 10-DEC-2002;  
ISIS Pharmaceuticals, Inc.; Carlsbad, CA

FEATURES  
source  
1. .18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2481 CTCCTTCCTCGGCTAA 2498  
Db 1 CTCCTTCCTTCGCTAA 18

RESULT 78  
AR570302  
LOCUS 18 bp DNA linear PAT 14-DEC-2004  
DEFINITION Sequence 517 from patent US 6770461.  
ACCESSION AR570302  
VERSION AR570302.1 GI:56571032  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Carulli,J.P., Little,R.D., Recker,R.R. and Johnson,M.L.  
TITLE High bone mass gene of 11q13.3  
JOURNAL Patent: US 6770461-A 517 03-AUG-2004;  
Genome Therapeutics Corporation and Creighton University School of Medicine; Waltham, MA

FEATURES  
source  
1. .18  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3093 CTCGACTTTTGGCTCTGT 3110  
Db 1 CTCGACTTTTGGCACTGT 18

RESULT 79  
AX599906  
LOCUS 18 bp DNA linear PAT 14-FEB-2003  
DEFINITION Sequence 1246 from Patent WO02077272.  
ACCESSION AX599906  
VERSION AX599906.1 GI:28400056  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
other sequences; artificial sequences.

REFERENCE 1  
AUTHORS Berlin,K., Braun,A., Distler,J., Guetig,D., Howe,A., Mueller,J., Olek,A., Piepenbrock,C., Adorjan,P., Grabs,G., Lesche,R., Leu,E., Lewin,A., Lipscher,E., Maier,S., Model,F., Mueller,V., Otto,T., Pelet,C. and Ziebarth,H.  
TITLE Methods and nucleic acids for the analysis of hematopoietic cell proliferative disorders  
JOURNAL Patent: WO 02077272-A 1246 03-OCT-2002;  
Epigenomics AG (DE)

FEATURES  
source  
1. .18  
/organism="synthetic construct"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:32630"  
/note="Detection oligonucleotide for Humos"

Query Match 0.3%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 83;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3782 GTCACCACCAAACTCAAT 3799  
Db 1 GTTACCACCAAACTCCAT 18

RESULT 80  
BD002052  
LOCUS 17 bp DNA linear PAT 31-JAN-2002  
DEFINITION Agent for retarding the conversion of hormone-dependent cancer into hormone-independent cancer.  
ACCESSION BD002052  
VERSION BD002052.1 GI:18628792  
KEYWORDS JP 2000178202-A/3.  
SOURCE synthetic construct  
ORGANISM synthetic construct  
other sequences; artificial sequences.

REFERENCE 1 (bases 1 to 17)  
AUTHORS Matsutani,T. and Naito,K.  
TITLE Agent for retarding the conversion of hormone-dependent cancer into hormone-independent cancer  
JOURNAL Patent: JP 2000178202-A 3 27-JUN-2000;  
TAKEDA CHEMICAL INDUSTRIES LTD  
COMMENT OS Artificial Sequence  
FN JP 2000178202-A/3  
PD 27-JUN-2000  
PF 07-OCT-1999 JP 1999286856  
PR  
PI TOSHIYA MATSUTANI,KENICHIRO NAITO  
PC A61K38/04,A61K38/22,A61K45/00,A61P13/08,A61P35/00//C07K7/23 CC

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1. .17  
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/db\_xref="taxon:32630"

Query Match 0.3%; Score 14.6; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 80;  
Matches 11; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 2587 CACCGAGACTGGCTGC 2603  
Db 1 CAYMGRGACVTKGCWC 17

RESULT 81  
BD106385/c  
LOCUS 16 bp DNA linear PAT 18-SEP-2002  
DEFINITION Novel LDL-receptor.  
ACCESSION BD106385  
VERSION BD106385.1 GI:23201203  
KEYWORDS JP 2002501376-A/400.  
SOURCE Chlamydia sp.  
ORGANISM Chlamydia sp.  
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.

REFERENCE 1 (bases 1 to 16)  
AUTHORS Todd,J.A., Hesse,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hammond,H. and Hey,P.  
TITLE Novel LDL-receptor  
JOURNAL Patent: JP 2002501376-A 400 15-JAN-2002;  
THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME TRUST, MERCK & CO  
COMMENT INC JP 2002501376-A/400  
PD 15-JAN-2002  
PF 15-APR-1998 JP 1998543635  
PR 15-APR-1997 US 60/043553,05-JUN-1997 US 60/048740 PT  
JOHN ANDREW TODD,JOHN WILFRED HESS,CHARLES

THOMAS CASKEY, ROGER  
PI DAVID COX.  
PI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY  
PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,  
PC A61K39/395,  
PC A61K48/00  
CC Strandedness: Double;  
CC Topology: Linear;  
FH Key Location/Qualifiers.

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/mol\_type="genomic DNA"  
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Query Match  
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 16;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1705 CGGTCCTCACCAGCA 1720  
Db 16 CGGCCCTCACCAGCA 1

RESULT 82  
AR305474/c  
LOCUS AR305474 16 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 432 from patent US 6545137.  
ACCESSION AR305474  
VERSION AR305474.1 GI:31694784  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 16)  
AUTHORS Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,  
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,  
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.  
TITLE Receptor  
JOURNAL Patent: US 6545137-A 432 08-APR-2003;  
FEATURES  
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1. .16  
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Query Match  
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 16;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1705 CGGTCCTCACCAGCA 1720  
Db 16 CGGCCCTCACCAGCA 1

RESULT 83  
AR309578/c  
LOCUS AR309578 16 bp DNA linear PAT 12-JUN-2003  
DEFINITION Sequence 432 from patent US 6555654.  
ACCESSION AR309578  
VERSION AR309578.1 GI:31701583  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 16)  
AUTHORS Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,  
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,  
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.  
TITLE LDL-receptor  
JOURNAL Patent: US 6555654-A 432 29-APR-2003;  
The Wellcome Trust Limited as Trustee for the Wellcome Trust;  
London;  
WOX;

THOMAS CASKEY, ROGER  
PI DAVID COX.  
PI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY  
PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,  
PC A61K39/395,  
PC A61K48/00  
CC Strandedness: Double;  
CC Topology: Linear;  
FH Key Location/Qualifiers.

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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1705 CGGTCCTCACCAGCA 1720  
Db 16 CGGCCCTCACCAGCA 1

RESULT 84  
AR328470  
LOCUS AR328470 16 bp RNA linear PAT 17-AUG-2003  
DEFINITION Sequence 5872 from patent US 6566127.  
ACCESSION AR328470  
VERSION AR328470.1 GI:33714278  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 16)  
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions  
related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 5872 20-MAY-2003;  
Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
FEATURES  
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/mol\_type="unassigned RNA"

Query Match  
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 16;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2932 ATGCTGGACTGTGGC 2947  
Db 1 ATGCTGGACTGTGGC 16

RESULT 85  
BD104506  
LOCUS BD104506 17 bp DNA linear PAT 27-AUG-2002  
DEFINITION Kit and method for determining HLA type.  
ACCESSION BD104506  
VERSION BD104506.1 GI:22650080  
KEYWORDS WO 0192572-A/610.  
SOURCE synthetic construct  
ORGANISM other sequences; artificial sequences.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and  
Nishida, M.  
TITLE Kit and method for determining HLA type  
JOURNAL Patent: WO 0192572-A 610 06-DEC-2001;  
NISHINBO INDUSTRIES INC. SYSTEM RESEARCH INC. HIDEOTOSHI INOKO, TAEKO  
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO  
NISHIDA  
OS Artificial Sequence  
PN WO 0192572-A/610  
PD 06-DEC-2001  
PF 01-JUN-2001 WO 2001JP004662  
PI 01-JUN-2000 JP 00P 164798  
PI HIDEOTOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI  
MATSUMURA,  
PI SHOGO MORIYA, MICHIO NISHIDA  
PC C12Q1/68, C12M1/00, C12N15/09, G01N33/53  
CC Description of Artificial Sequence: capture  
FH Key Location/Qualifiers

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Best Local Similarity 93.8%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1819 GTGCGTTCCTCGAGA 1834
Db |||||
1 GTGCGTTCCTCGAGA 16
RESULT 86
BD254227 17 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD254227
VERSION BD254227.1 GI:33063997
KEYWORDS JP 2002541795-A/2020.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE
  1. (bases 1 to 17)
  /organism="unidentified"
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  /db_xref="taxon:32644"
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 2020 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT
  OS Eukaryote
  PN JP 2002541795-A/2020
  PD 10-DEC-2002
  PR 12-APR-1999 US 60/129390
  PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
  C12N15/09,A61K38/00,A61P43/00,A61P43/00,C12N5/10, PC
  C12P21/02,
  PC
  C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
  C12R1:91),
  PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
  PC A61K37/02,
  PC (C12N5/00,C12R1:91)
  CC Regulation of repressor genes using nucleic acid molecules FH
  Key Location/Qualifiers
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1567 CCTGACTTCACCTATA 1582
Db |||||
1 CCTGACTTCACCTATA 16
RESULT 88
CQ616165 17 bp DNA linear PAT 02-FEB-2004
LOCUS
DEFINITION Sequence 905 from Patent WO0192524.
ACCESSION CQ616165
VERSION CQ616165.1 GI:41666383
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
REFERENCE
  1
  /organism="Homo sapiens"
  /mol_type="unassigned DNA"
  /db_xref="taxon:9606"
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 905 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
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    1. .17
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      /mol_type="unassigned DNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4056 GCCTGGGACCCCAAG 4071
Db |||||
2 GCTTGGGACCCCAAG 17

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ORGANISM unidentified
REFERENCE unclassified.
  1 (bases 1 to 17)
  /organism="unidentified"
  /mol_type="genomic DNA"
  /db_xref="taxon:32644"
AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 6048 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT
  OS Eukaryote
  PN JP 2002541795-A/6048
  PD 10-DEC-2002
  PR 11-APR-2000 JP 2000611654
  PR 12-APR-1999 US 60/129390
  PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
  C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
  C12P21/02,
  PC
  C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
  C12R1:91),
  PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
  PC A61K37/02,
  PC (C12N5/00,C12R1:91)
  CC Regulation of repressor genes using nucleic acid molecules FH
  Key Location/Qualifiers
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  FT /organism='Eukaryote'.
FEATURES
  source Location/Qualifiers
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      /mol_type="genomic DNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1567 CCTGACTTCACCTATA 1582
Db |||||
1 CCTGACTTCACCTATA 16
RESULT 88
CQ616165 17 bp DNA linear PAT 02-FEB-2004
LOCUS
DEFINITION Sequence 905 from Patent WO0192524.
ACCESSION CQ616165
VERSION CQ616165.1 GI:41666383
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominidae; Homo.
REFERENCE
  1
  /organism="Homo sapiens"
  /mol_type="unassigned DNA"
  /db_xref="taxon:9606"
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and
Shannon,M.E.
TITLE Myosin-like gene expressed in human heart and muscle
JOURNAL Patent: WO 0192524-A 905 06-DEC-2001;
Aeomica, Inc. (US)
FEATURES
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    1. .17
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      /mol_type="unassigned DNA"
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Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 86;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Db |||||
2 GCTTGGGACCCCAAG 17

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RESULT 89  
CQ616166  
LOCUS CQ616166 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 906 from Patent WO0192524.  
ACCESSION CQ616166  
VERSION CQ616166.1 GI:41666384  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 906 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
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1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"  
Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 86;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 4056 GCCTGGGACCCCAAG 4071  
Db 1 GCTTGGGACCCCAAG 16  
RESULT 90  
CQ616915/c  
LOCUS CQ616915 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 1655 from Patent WO0192524.  
ACCESSION CQ616915  
VERSION CQ616915.1 GI:41667133  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 1655 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
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1. .17  
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Best Local Similarity 93.8%; Pred. No. 86;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 3965 CTATGGCCTCTTTGC 3980  
Db 16 CTCTGGCCTCTTTGC 1  
RESULT 91  
CQ617907  
LOCUS CQ617907 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 2647 from Patent WO0192524.  
ACCESSION CQ617907  
VERSION CQ617907.1 GI:416668125  
KEYWORDS

SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 2647 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source  
1. .17  
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/mol\_type="unassigned DNA"  
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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 86;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1222 GGGTCTCTGCCGCGCAT 1237  
Db 2 GGGTCTCTGCCGCGCAT 17  
RESULT 92  
CQ617908  
LOCUS CQ617908 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 2648 from Patent WO0192524.  
ACCESSION CQ617908  
VERSION CQ617908.1 GI:41668126  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 2648 06-DEC-2001;  
Aeomica, Inc. (US)  
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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 86;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1222 GGGTCTCTGCCGCGCAT 1237  
Db 1 GGGTCTCTGCCGCGCAT 16  
RESULT 93  
AR327484  
LOCUS AR327484 17 bp RNA linear PAT 17-AUG-2003  
DEFINITION Sequence 4886 from patent US 6566127.  
ACCESSION AR327484  
VERSION AR327484.1 GI:33713292  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor

Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 86;

RESULT 98  
AR458971

LOCUS AR458971 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 2648 from patent US 6686188.  
ACCESSION AR458971  
VERSION AR458971.1 GI:42694028  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 2648 03-FEB-2004;  
Amersham PLC; Buckinghamshire;  
GBX;  
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Best Local Similarity 93.8%; Pred. No. 86;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1222 GGCTCCTGCCAGCCAT 1237  
Db 1 GGGTCCTGGCAGCCAT 16  
RESULT 99  
AX474957/c  
LOCUS AX474957 17 bp DNA linear PAT 12-AUG-2002  
DEFINITION Sequence 178 from Patent WO0224750.  
ACCESSION AX474957  
VERSION AX474957.1 GI:22214242  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Zhang, J.  
TITLE Human kidney tumor overexpressed membrane protein 1  
JOURNAL Patent: WO 0224750-A 178 28-MAR-2002;  
Aeomica, Inc. (US)  
FEATURES  
source  
1. .17  
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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 86;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 4040 CACATCCCGGACCCC 4055  
Db 17 CACATCCCGGACTCC 2  
RESULT 100  
AX474959/c  
LOCUS AX474959 17 bp DNA linear PAT 12-AUG-2002  
DEFINITION Sequence 180 from Patent WO0224750.  
ACCESSION AX474959  
VERSION AX474959.1 GI:22214244  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

Hominidae; Homo.  
REFERENCE 1  
AUTHORS Zhang, J.  
TITLE Human kidney tumor overexpressed membrane protein 1  
JOURNAL Patent: WO 0224750-A 180 28-MAR-2002;  
Aeomica, Inc. (US)  
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Query Match 0.3%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 86;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 4039 CCACATCCCGGACCC 4054  
Db 16 CCACATCCCGGACTC 1  
RESULT 101  
AX673478/c  
LOCUS AX673478 17 bp DNA linear PAT 27-MAR-2003  
DEFINITION Sequence 1923 from Patent WO03004526.  
ACCESSION AX673478  
VERSION AX673478.1 GI:29331826  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines  
JOURNAL Patent: WO 03004526-A 1923 16-JAN-2003;  
Molecular Engines Laboratories (FR)  
FEATURES  
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Best Local Similarity 93.8%; Pred. No. 86;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 3469 TTTGGAGACAGGAT 3484  
Db 17 TTTGTAGACAGGAT 2  
RESULT 102  
AX723269/c  
LOCUS AX723269 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 956 from Patent WO03025176.  
ACCESSION AX723269  
VERSION AX723269.1 GI:30423770  
KEYWORDS  
SOURCE Mus musculus (house mouse)  
ORGANISM Mus musculus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia;  
Sciurognathi; Muroidae; Muridae; Murinae; Mus.  
REFERENCE 1  
AUTHORS Telerman, A., Amson, R. and Tuijnder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines  
JOURNAL Patent: WO 03025176-A 956 27-MAR-2003;

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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;				Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;	
QY		2850 CAATCAGGACGTGATC 2865		QY	
Db		16 CAATCAGAACGTGATC 1		Db	
RESULT 103				RESULT 105	
AX726161				AX761086	
LOCUS		Sequence 3848 from Patent WO03025176.		LOCUS	
DEFINITION		17 bp DNA linear PAT 08-MAY-2003		DEFINITION	
ACCESSION		AX726161		ACCESSION	
VERSION		AX726161.1 GI:30505504		AX761086	
KEYWORDS				VERSION	
SOURCE		Mus musculus (house mouse)		AX761086.1 GI:32255702	
ORGANISM				KEYWORDS	
				Homo sapiens (human)	
REFERENCE				SOURCE	
AUTHORS				ORGANISM	
TITLE				Homo sapiens	
				Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;	
				Mammalia; Euthera; Euarchontoglires; Glires; Rodentia;	
				Sciurognathi; Muroidae; Murinae; Mus.	
				Hominidae; Homo.	
				1	
				Telerman,A., Anson,R. and Tuijnder,M.	
				Sequences involved in phenomena of tumour suppression, tumour	
				reversion, apoptosis and/or virus resistance and their use as	
				medicines	
JOURNAL		Patent: WO 03025176-A 3848 27-MAR-2003;		JOURNAL	
Molecular Engines Laboratories (FR)		Molecular Engines Laboratories (FR)		Patent: WO 03040369-A 4407 15-MAY-2003;	
FEATURES		Location/Qualifiers		Molecular Engines Laboratories (FR)	
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QY		3798 ATCATGTTTTTCCCTT 3813		QY	
Db		2 ATCATGTTTTTCCGCTT 17		Db	
RESULT 104				RESULT 106	
AX729224				HSRETP07/c	
LOCUS				LOCUS	
DEFINITION		Sequence 858 from Patent WO03025175.		DEFINITION	
ACCESSION		AX729224		H.sapiens Ret Proto-Oncogene, Intron 7 (5').	
VERSION		AX729224.1 GI:30508567		X79750	
KEYWORDS				X79750.1 GI:601977	
SOURCE		Homo sapiens (human)		intron; ret gene; ret proto-oncogene.	
ORGANISM				Homo sapiens	
				Homo sapiens	
				Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;	
				Mammalia; Euthera; Euarchontoglires; Primates; Catarrhini;	
				Hominidae; Homo.	
				1	
				Mulligan,L.M., Eng,C., Attie,T., Lyonnet,S., Marsh,D.J.,	
				Hyland,V.J., Robinson,B.G., Frilling,A., Verellen-Dumoulin,C.,	
				Safar,A., Venter,D.J., Munnich,A. and Ponder,B.A.J.	
				Diverse phenotypes associated with exon 10 mutations of the RET	
				proto-oncogene	
				Hum. Mol. Genet. 3 (12), 2163-2167 (1994)	
				7881414	
				2 (bases 1 to 17)	
				REFERENCE	
				AUTHORS	
				Eng,C.	
				Direct Submission	
				Submitted (14-JUN-1994) C. Eng, University of Cambridge, Dept of	
				Pathology, Tennis Court Road, Cambridge CB2 1QP, UK	
				JOURNAL	
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				source	



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/note="3' end"

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 28 CTCAGGAGGGGGG 43
Db 17 CTCAGGAGGGGGG 2

RESULT 107
A88117/c
LOCUS A88117 18 bp DNA linear PAT 22-JAN-2000
DEFINITION Sequence 265 from Patent WO9833904.
ACCESSION A88117
VERSION A88117.1 GI:6736687
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Brysch,W. and Schlingensiepen,K.
TITLE AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL Patent: WO 9833904-A 265 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 93 GGGCCCGAGGGAGCCC 108
Db 17 GGGCCCGAGGGAGCCC 2

RESULT 108
A90084/c
LOCUS A90084 18 bp DNA linear PAT 22-JAN-2000
DEFINITION Sequence 265 from Patent EP0856579.
ACCESSION A90084
VERSION A90084.1 GI:6738598
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 265 05-AUG-1998;
BIOGNOSTIK GES (DE)
FEATURES
source
1..18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 93 GGGCCCGAGGGAGCCC 108
Db 17 GGGCCCGAGGGAGCCC 2

RESULT 109
BD065630/c
LOCUS BD065630 18 bp DNA linear PAT 27-AUG-2002
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD065630
VERSION BD065630.1 GI:22611233
KEYWORDS JP 2001511000-A/265.
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 18)
AUTHORS Schlingensiepen,K.H. and Brysch,W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 2001511000-A 265 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
COMMENT
OS Unknown
PN JP 2001511000-A/265
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Key
FT source
1..18
Location/Qualifiers
FT Location/Qualifiers
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Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 18;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 93 GGGCCCGAGGGAGCCC 108
Db 17 GGGCCCGAGGGAGCCC 2

RESULT 110
CQ080206/c
LOCUS CQ080206 18 bp DNA linear PAT 10-MAY-2004
DEFINITION Sequence 1656 from Patent WO2004035803.
ACCESSION CQ080206
VERSION CQ080206.1 GI:47113600
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1
AUTHORS Foekens,J., Harbeck,N., Koenig,T., Maier,S., Martens,J., Model,F.,
Nimmrich,I., Rujan,T., Schmitt,A., Schmitt,M., Look,M.P. and
Marx,A.
TITLE Method and nucleic acids for the improved treatment of breast cell
proliferative disorders
JOURNAL Patent: WO 2004035803-A 1656 29-APR-2004;
Epigenomics AG (DE)
FEATURES
source
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Detection oligonucleotide for MAPK1"
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Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 97;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3789 CCAAACTCAATCATTT 3804  
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Db 16 CCAATTCATCATTT 1

RESULT 111  
AR392161  
LOCUS AR392161 18 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 2 from patent US 6613750.  
ACCESSION AR392161  
VERSION AR392161.1 GI:40116138  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS DePinho,R.A.  
TITLE Method of inhibiting cell proliferation using an anti-oncogene protein  
JOURNAL Patent: US 6613750-A 2 02-SEP-2003;  
Albert Einstein College of Medicine of Yeshiva University; Bronx,  
NY

FEATURES  
source Location/Qualifiers  
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Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 97;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3598 GAAGTGCCCAACATCT 3613  
||||| |||||||  
Db 2 GAAGGCCCAACATCT 17

RESULT 112  
AR433444  
LOCUS AR433444 18 bp DNA linear PAT 18-DEC-2003  
DEFINITION Sequence 46 from patent US 6656688.  
ACCESSION AR433444  
VERSION AR433444.1 GI:40196280  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS Bennett,C.F., Monia,B.P. and Cowseert,L.M.  
TITLE Antisense modulation of NF-kappa-B p65 subunit expression  
JOURNAL Patent: US 6656688-A 46 02-DEC-2003;  
ISIS Pharmaceuticals, Inc.; Carlsbad, CA

FEATURES  
source Location/Qualifiers  
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Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 97;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2669 TGGAGGAGAACTCTTC 2694  
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Db 2 TGGAGGAGAACTCTTC 17

RESULT 113  
AR658627  
LOCUS AR658627 18 bp DNA linear PAT 13-JUN-2005

DEFINITION Sequence 2 from patent US 6897197.  
ACCESSION AR658627  
VERSION AR658627.1 GI:67593422  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 18)  
AUTHORS DePinho,R.A.  
TITLE Method of inhibiting cell proliferation using an anti-oncogene protein  
JOURNAL Patent: US 6897197-A 2 24-MAY-2005;  
Albert Einstein College of Medicine of Yeshiva University; Bronx,  
NY

FEATURES  
source Location/Qualifiers  
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Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 97;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3598 GAAGTGCCCAACATCT 3613  
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Db 2 GAAGGCCCAACATCT 17

RESULT 114  
AX317621/c  
LOCUS AX317621 18 bp DNA linear PAT 14-DEC-2001  
DEFINITION Sequence 624 from Patent WO0190337.  
ACCESSION AX317621  
VERSION AX317621.1 GI:17900522  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Allawi,H., Bartholomay,C.T., Chehak,L., Curtis,M.L., Eis,P.S.,  
Hall,J.G., Ip,H.S., Kaiser,M., Kwiatkowski,R.W., Lukowiak,A.A.,  
Lyamichiev,V., Ma,W., Olson-Munoz,M.C., Olson,S.M., Schaefer,J.J.,  
Skrypczynski,Z., Takova,T.Y., Vedvik,K.L. and Lyamichiev,N.E.  
TITLE Detection of rna  
JOURNAL Patent: WO 0190337-A 624 29-NOV-2001;  
THIRD WAVE TECHNOLOGIES, INC. (US)

FEATURES  
source Location/Qualifiers  
1..18  
/organism="synthetic construct"  
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Query Match 0.3%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 97;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3787 CACCAAACTCAATCAT 3802  
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Db 16 CACCAAACTCAATCAT 1

RESULT 115  
AX822636  
LOCUS AX822636 18 bp DNA linear PAT 11-DEC-2003  
DEFINITION Sequence 528 from Patent EPI340818.  
ACCESSION AX822636  
VERSION AX822636.1 GI:39749272  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
REFERENCE 1  
AUTHORS Adorjan,P., Burger,M., Maier,S., Nimmrich,I., Becker,E., Lesche,R.,

Rujan,T. and Schmitt,A.  
Method and nucleic acids for the analysis of a colon cell  
proliferative disorder  
Patent: EP 1340818-A 528 03-SEP-2003;  
Epigenomics AG (DE)  
Location/Qualifiers  
1. .18  
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/note="Detection oligonucleotide for APOC2"

Query Match  
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 18;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3859 GAGTTTGTGTTTGGT 3874  
Db 3 GAGTTTGTGTTTGGT 18

RESULT 116  
LOCUS AX826276 18 bp DNA linear PAT 11-DEC-2003  
DEFINITION Sequence 528 from Patent WO03072821.  
ACCESSION AX826276  
VERSION AX826276.1 GI:39751790  
KEYWORDS  
SOURCE synthetic construct  
ORGANISM synthetic construct  
other sequences; artificial sequences.

REFERENCE 1  
AUTHORS Adorjan,P., Burger,M., Maier,S., Nimrich,I., Becker,E., Lesche,R.,  
Rujan,T. and Schmitt,A.  
TITLE Method and nucleic acids for the analysis of a colon cell  
proliferative disorder  
Patent: WO 03072821-A 528 04-SEP-2003;  
JOURNAL Epigenomics AG (DE)  
FEATURES  
source Location/Qualifiers  
1. .18  
/organism="synthetic construct"  
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/note="Detection oligonucleotide for APOC2"

Query Match  
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 18;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3859 GAGTTTGTGTTTGGT 3874  
Db 3 GAGTTTGTGTTTGGT 18

RESULT 117  
LOCUS I28012 14 bp DNA linear PAT 06-FEB-1997  
DEFINITION Sequence 184 from patent US 5567809.  
ACCESSION I28012  
VERSION I28012.1 GI:1818788  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
Unclassified.

REFERENCE 1 (bases 1 to 14)  
AUTHORS Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.  
TITLE Methods and reagents for HLA DRbeta DNA typing  
JOURNAL Patent: US 5567809-A 184 22-OCT-1996;  
FEATURES  
source Location/Qualifiers  
1. .14  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match  
Best Local Similarity 0.3%; Score 14; DB 1; Length 14;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2963 CCGGGCCCCGCTTC 2976  
Db 14 CCGGGCCCCGCTTC 1

RESULT 118  
LOCUS I27995 15 bp DNA linear PAT 06-FEB-1997  
DEFINITION Sequence 167 from patent US 5567809.  
ACCESSION I27995  
VERSION I27995.1 GI:1818771  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
Unclassified.

REFERENCE 1 (bases 1 to 15)  
AUTHORS Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.  
TITLE Methods and reagents for HLA DRbeta DNA typing  
JOURNAL Patent: US 5567809-A 167 22-OCT-1996;  
FEATURES  
source Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match  
Best Local Similarity 0.3%; Score 14; DB 1; Length 15;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2963 CCGGGCCCCGCTTC 2976  
Db 15 CCGGGCCCCGCTTC 2

RESULT 119  
LOCUS AR180013/c 15 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 81 from patent US 6333152.  
ACCESSION AR180013  
VERSION AR180013.1 GI:20222046  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
Unclassified.

REFERENCE 1 (bases 1 to 15)  
AUTHORS Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.  
TITLE Gene expression profiles in normal and cancer cells  
JOURNAL Patent: US 6333152-A 81 25-DEC-2001;  
FEATURES  
source Location/Qualifiers  
1. .15  
/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match  
Best Local Similarity 0.3%; Score 14; DB 1; Length 15;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2423 TCACCAACAGCATG 2436  
Db 14 TCACCAACAGCATG 1

RESULT 120  
LOCUS AR180702/c 15 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 770 from patent US 6333152.  
ACCESSION AR180702  
VERSION AR180702.1 GI:20222735  
KEYWORDS  
SOURCE Unknown.

[illegible]

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1561 CTACGTCCTGACTT 1574  
 Db |||||

RESULT 125  
 BD104655/c  
 LOCUS BD104655 17 bp DNA linear PAT 27-AUG-2002  
 DEFINITION Kit and method for determining HLA type.  
 ACCESSION BD104655  
 VERSION BD104655.1 GI:22650229  
 KEYWORDS WO 0192572-A/759.  
 SOURCE synthetic construct  
 ORGANISM synthetic construct  
 other sequences; artificial sequences.  
 REFERENCE 1 (bases 1 to 17)  
 AUTHORS Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and Nishida,M.  
 TITLE Kit and method for determining HLA type  
 JOURNAL Patent: WO 0192572-A 759 06-DEC-2001;  
 NISSHINO INDUSTRIES INC,SYSTEM RESEARCH INC,HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA,YOSHIYUKI MATSUMURA,SHOGO MORIYA,MICHIO NISHIDA

COMMENT  
 OS Artificial Sequence  
 PN WO 0192572-A/759  
 PD 06-DEC-2001  
 PF 01-JUN-2001 WO 2001JP004662  
 PR 01-JUN-2000 JP 00P 164798  
 PI HIDETOSHI INOKO,TAEKO KAGIYA,TATSUO ICHIHARA,YOSHIYUKI MATSUMURA,  
 PI SHOGO MORIYA,MICHIO NISHIDA  
 PC Cl2Q1/69,C12M1/00,C12N15/09,G01N33/53  
 CC Description of Artificial Sequence:capture  
 FH Key Location/Qualifiers  
 FT source 1..17  
 FT Location/Qualifiers  
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 /mol\_type="genomic DNA"  
 /db\_xref="taxon:32630"

Query Match 0.3%; Score 14; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 1e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2963 CCCGGCCCCGCTTC 2976  
 Db |||||

RESULT 126  
 BD254078/c  
 LOCUS BD254078 17 bp DNA linear PAT 17-JUL-2003  
 DEFINITION Regulation of repressor genes using nucleic acid molecules.  
 ACCESSION BD254078  
 VERSION BD254078.1 GI:33063848  
 KEYWORDS JP 2002541795-A/1871.  
 SOURCE unidentified  
 ORGANISM unidentified  
 unclassified.  
 REFERENCE 1 (bases 1 to 17)  
 AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.  
 TITLE Regulation of repressor genes using nucleic acid molecules  
 JOURNAL Patent: JP 2002541795-A 1871 10-DEC-2002;  
 RIBOZYME PHARMACEUTICALS INC  
 COMMENT  
 OS Eukaryote  
 PN JP 2002541795-A/1871  
 PD 10-DEC-2002  
 PF 11-APR-2000 JP 2000611654  
 PR 12-APR-1999 US 60/129390

PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC C12P21/02,  
 PC C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC C12R1:91),  
 PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,  
 PC A61K37/02,C12R1:91)  
 PC (C12N5/00,C12R1:91)  
 CC Regulation of repressor genes using nucleic acid molecules FH  
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 FT source 1..17  
 FT Location/Qualifiers  
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 /organism="unidentified"  
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Query Match 0.3%; Score 14; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 1e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 80 GCGGGGACCCCGAG 93  
 Db |||||

RESULT 127  
 CQ616910/c  
 LOCUS CQ616910 17 bp DNA linear PAT 02-FEB-2004  
 DEFINITION Sequence 1650 from Patent WO0192524.  
 ACCESSION CQ616910  
 VERSION CQ616910.1 GI:41667128  
 KEYWORDS Homo sapiens (human)  
 SOURCE Homo sapiens  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae; Homo.  
 REFERENCE 1  
 AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
 TITLE Myosin-like gene expressed in human heart and muscle  
 JOURNAL Patent: WO 0192524-A 1650 06-DEC-2001;  
 Asomica, Inc. (US)  
 FEATURES  
 source 1..17  
 Location/Qualifiers  
 1..17  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 1e+02;  
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3969 GGCCTCCTTTGCC 3982  
 Db |||||

RESULT 128  
 127903  
 LOCUS 127903 17 bp DNA linear PAT 06-FEB-1997  
 DEFINITION Sequence 75 from patent US 5567809.  
 ACCESSION 127903  
 VERSION 127903.1 GI:1818679  
 KEYWORDS Unknown.  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 REFERENCE 1 (bases 1 to 17)  
 AUTHORS Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.

TITLE Methods and reagents for HLA DRbeta DNA typing

JOURNAL Patent: US 5567809-A 75 22-OCT-1996;

FEATURES Location/Qualifiers

source 1. .17

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2963 CCGGGCCCCGCTTC 2976

Db 3 CCGGGCCCCGCTTC 16

RESULT 129

127977/c

LOCUS 127977 17 bp DNA linear PAT 06-FEB-1997

DEFINITION Sequence 149 from patent US 5567809.

ACCESSION 127977

VERSION 127977.1 GI:1818753

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.

TITLE Methods and reagents for HLA DRbeta DNA typing

JOURNAL Patent: US 5567809-A 149 22-OCT-1996;

FEATURES Location/Qualifiers

source 1. .17

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2963 CCGGGCCCCGCTTC 2976

Db 15 CCGGGCCCCGCTTC 2

RESULT 130

AR193421/c

LOCUS AR193421 17 bp DNA linear PAT 20-APR-2002

DEFINITION Sequence 6 from patent US 6346613.

ACCESSION AR193421

VERSION AR193421.1 GI:20239386

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS O'Mahony,D.J. and Cagney,G.

TITLE Composition and method for enhancing paracellular transport across

JOURNAL cell layers

Patent: US 6346613-A 6 12-FEB-2002;

FEATURES Location/Qualifiers

source 1. .17

/organism="unknown"

/mol\_type="unassigned DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1561 CTACGTCTGACTT 1574

Db 16 CTACGTCTGACTT 3

RESULT 131

AR327611

LOCUS AR327611 17 bp RNA linear PAT 17-AUG-2003

DEFINITION Sequence 5013 from patent US 6566127.

ACCESSION AR327611

VERSION AR327611.1 GI:33713419

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

TITLE Method and reagent for the treatment of diseases or conditions

related to levels of vascular endothelial growth factor receptor

Patent: US 6566127-A 5013 20-MAY-2003;

JOURNAL Ribozyme Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO

FEATURES Location/Qualifiers

source 1. .17

/organism="unknown"

/mol\_type="unassigned RNA"

Query Match 0.3%; Score 14; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2895 CCGGGCCCCGACT 2908

Db 1 CCGGGCCCCGACT 14

RESULT 132

AR362733/c

LOCUS AR362733 17 bp DNA linear PAT 03-SEP-2003

DEFINITION Sequence 67 from patent US 5182195.

ACCESSION AR362733

VERSION AR362733.1 GI:34423113

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Nakahama,K., Kaisho,Y. and Yoshimura,K.

TITLE Method for increasing gene expression using protease deficient

JOURNAL Yeasts

Patent: US 5182195-A 67 26-JAN-1993;

FEATURES Location/Qualifiers

source 1. .17

/organism="unknown"

/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3848 TGAAGGTTTTTGAG 3861

Db 15 TGAAGGTTTTTGAG 2

RESULT 133

AR457973/c

LOCUS AR457973 17 bp DNA linear PAT 20-FEB-2004

DEFINITION Sequence 1650 from patent US 6686188.

ACCESSION AR457973

VERSION AR457973.1 GI:42693030

KEYWORDS

SOURCE Unknown.

ORGANISM

Unclassified.

REFERENCE 1 (bases 1 to 17)

AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and

Shannon,M.E.  
Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
Patent: US 666188-A 1650 03-FEB-2004;  
Amersham PLC; Buckinghamshire;  
GBX;

FEATURES  
source  
1. .17  
/organism="unknown"  
/mol\_type="genomic DNA"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3969 GGCCTCCTTGGCC 3982  
Db 17 GGCCTCCTTGGCC 4  
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RESULT 134  
AX474960/c  
LOCUS AX474960 17 bp DNA linear PAT 12-AUG-2002  
DEFINITION Sequence 181 from Patent WO0224750.  
ACCESSION AX474960  
VERSION AX474960.1 GI:22214245  
KEYWORDS Homo sapiens (human)  
SOURCE  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
1  
Zhang, J.  
HUMAN kidney tumor overexpressed membrane protein 1  
JOURNAL  
Patent: WO 0224750-A 181 28-MAR-2002;  
Aeomica, Inc. (US)

FEATURES  
source  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4039 CCACATCCCGGAC 4052  
Db 15 CCACATCCCGGAC 2  
|||||

RESULT 135  
AX474961/c  
LOCUS AX474961 17 bp DNA linear PAT 12-AUG-2002  
DEFINITION Sequence 182 from Patent WO0224750.  
ACCESSION AX474961  
VERSION AX474961.1 GI:22214246  
KEYWORDS Homo sapiens (human)  
SOURCE  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
1  
Zhang, J.  
HUMAN kidney tumor overexpressed membrane protein 1  
JOURNAL  
Patent: WO 0224750-A 182 28-MAR-2002;  
Aeomica, Inc. (US)

FEATURES  
source  
1. .17  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"

/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4039 CCACATCCCGGAC 4052  
Db 14 CCACATCCCGGAC 1  
|||||

RESULT 136  
AX727728  
LOCUS AX727728 17 bp DNA linear PAT 08-MAY-2003  
DEFINITION Sequence 5415 from Patent WO03025176.  
ACCESSION AX727728  
VERSION AX727728.1 GI:30507071  
KEYWORDS  
SOURCE  
ORGANISM Mus musculus  
Mus musculus (house mouse)  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia;  
Sciurognathi; Muridae; Murinae; Mus.  
1  
Telerman,A., Anson,R. and Tuijnder,M.  
Sequences involved in phenomena of tumour suppression, tumour  
reversion, apoptosis and/or virus resistance and their use as  
medicines  
Patent: WO 03025176-A 5415 27-MAR-2003;  
Molecular Engines Laboratories (FR)

FEATURES  
source  
1. .17  
/organism="Mus musculus"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:10090"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3821 CCCCTCCCCAGCT 3834  
Db 4 CCCCTCCCCAGCT 17  
|||||

RESULT 137  
AX744417/c  
LOCUS AX744417 17 bp DNA linear PAT 14-MAY-2003  
DEFINITION Sequence 382 from Patent WO03031621.  
ACCESSION AX744417  
VERSION AX744417.1 GI:30723084  
KEYWORDS  
SOURCE  
ORGANISM Homo sapiens (human)  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
1  
Zhang, J.  
A human G protein coupled receptor  
TITLE  
Patent: WO 03031621-A 382 17-APR-2003;  
JOURNAL  
Amersham Biosciences (SV) Corp. (US)

FEATURES  
source  
1. .17  
/organism="Homo sapiens"  
/mol\_type="genomic DNA"  
/db\_xref="taxon:9606"

Query Match 0.3%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1192 CAGGGCACCTTCA 1205

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Db      17  CAGGGCACCTTCAA 4
|||||
RESULT 138
AX744422/c
LOCUS      AX744422      17 bp      DNA      linear      PAT 14-MAY-2003
DEFINITION Sequence 387 from Patent WO03031621.
ACCESSION  AX744422
VERSION     AX744422.1 GI:30723089
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
            Homnidae; Homo.
REFERENCE  1
AUTHORS    Zhang, J.
TITLE      A human G protein coupled receptor
JOURNAL    Patent: WO 03031621-A 387 17-APR-2003;
            Amer sham Biosciences (SV) Corp. (US)
FEATURES   .
            source
            1. .17
            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1190  CCCAGGCGACCTTC 1203
Db      14  CCCAGGCGACCTTC 1
|||||

RESULT 139
A62602
LOCUS      A62602      17 bp      DNA      linear      PAT 12-MAR-1998
DEFINITION Sequence 21 from Patent EP0761847.
ACCESSION  A62602
VERSION     A62602.1 GI:3716509
KEYWORDS   .
SOURCE     unidentified
            unclassified sequences.
REFERENCE  1
AUTHORS    Bendig, M.D., Saldana, J.D. and Jones, T.D.
TITLE      Humanized monoclonal antibody
JOURNAL    Patent: EP 0761847-A 21 02-JUL-1997;
            MERCK PATENT GMBH (DE)
COMMENT    Other publication JP 9183799 19970715.
FEATURES   .
            source
            1. .17
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2493  GCTAAACGACGGCAGT 2509
Db      1  GATAAACGACGGCCAGT 17
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RESULT 140
A88164
LOCUS      A88164      17 bp      DNA      linear      PAT 22-JAN-2000
DEFINITION Sequence 312 from Patent WO9833904.
ACCESSION  A88164
VERSION     A88164.1 GI:6736734
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KEYWORDS   .
SOURCE     unidentified
            unclassified sequences.
ORGANISM   1 (bases 1 to 17)
            Brysch, W. and Schlingensiepen, K.
REFERENCE  1
TITLE      AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
JOURNAL    Patent: WO 9833904-A 312 06-AUG-1998;
            BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
FEATURES   .
            Location/Qualifiers
            source
            1. .17
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1288  CGCGTCGGGTACTTCG 1304
Db      1  CGCATCGTGTACTTCG 17
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RESULT 141
A90131
LOCUS      A90131      17 bp      DNA      linear      PAT 22-JAN-2000
DEFINITION Sequence 312 from Patent EP0856579.
ACCESSION  A90131
VERSION     A90131.1 GI:6738645
KEYWORDS   .
SOURCE     unidentified
            unclassified sequences.
REFERENCE  1 (bases 1 to 17)
AUTHORS    Brysch, W.D. and Schlingensiepen, K.D.
TITLE      An antisense oligonucleotide preparation method
JOURNAL    Patent: EP 0856579-A 312 05-AUG-1998;
            BIOGNOSTIK GES (DE)
FEATURES   .
            Location/Qualifiers
            source
            1. .17
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match      0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1288  CGCGTCGGGTACTTCG 1304
Db      1  CGCATCGTGTACTTCG 17
|||||

RESULT 142
AR084145
LOCUS      AR084145      17 bp      DNA      linear      PAT 01-SEP-2000
DEFINITION Sequence 48 from patent US 5977435.
ACCESSION  AR084145
VERSION     AR084145.1 GI:10010916
KEYWORDS   .
SOURCE     Unknown.
            Unclassified.
ORGANISM   1 (bases 1 to 17)
            Lefebvre, D.D. and Gellatly, K.S.
REFERENCE  1
TITLE      Plant phosphatases
JOURNAL    Patent: US 5977435-A 48 02-NOV-1999;
            BIOGNOSTIK GES (DE)
FEATURES   .
            Location/Qualifiers
            source
            1. .17
            /organism="unknown"
            /mol_type="unassigned DNA"
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3839 CCTCATATTGAAGGTT 3855  
 Db 1 CCTTCATGTTGAAGTTT 17

RESULT 143  
 BD065677  
 LOCUS 17 bp DNA linear PAT 27-AUG-2002  
 DEFINITION An antisense oligonucleotide preparation method.  
 ACCESSION BD065677  
 VERSION BD065677.1 GI:22611280  
 KEYWORDS JP 2001511000-A/312.  
 SOURCE unidentified  
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 17)  
 AUTHORS Schlingensiepen,K.H. and Brysch,W.  
 TITLE An antisense oligonucleotide preparation method  
 JOURNAL Patent: JP 2001511000-A 312 07-AUG-2001;  
 COMMENT BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH  
 OS Unknown  
 PN JP 2001511000-A/312  
 PD 07-AUG-2001  
 PF 30-JAN-1998 JP 1998532533  
 PR 31-JAN-1997 EP 97101531.8  
 PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH  
 PC C12N15/11,C07H21/04,A61K31/70  
 CC An antisense oligonucleotide preparation method FH Key  
 FT Location/Qualifiers  
 FT source 1..17  
 FT Location/Qualifiers  
 FT /organism='Unknown'.

FEATURES  
 source  
 1..17  
 /organism='unidentified'  
 /mol\_type='genomic DNA'  
 /db\_xref='taxon:32644'

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1288 CGCGTCGGTACTTCG 1304  
 Db 1 CGCATCGTGTACTTCG 17

RESULT 144  
 BD067486  
 LOCUS 17 bp RNA linear PAT 27-AUG-2002  
 DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.  
 ACCESSION BD067486  
 VERSION BD067486.1 GI:22613089  
 KEYWORDS JP 2001511003-A/326.  
 SOURCE unidentified  
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 17)  
 AUTHORS Akhtar,S., Fell,P. and Mcswiggen,J.A.  
 TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors  
 JOURNAL Patent: JP 2001511003-A 326 07-AUG-2001;  
 COMMENT RIBOZYME PHARMACEUTICALS INC,ASTON UNIV  
 OS Unidentified  
 PN JP 2001511003-A/326  
 PD 07-AUG-2001  
 PF 14-JAN-1998 JP 1998532913  
 PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 PI  
 SAGHIR AKHTAR,PATRICIA FELL,JAMES A MCSWIGGEN PC

CL2N9/00,C07K14/71  
 CC Strandedness: Single;  
 CC Topology: Linear;  
 CC Enzymatic nucleic acid treatment of diseases or conditions CC related to

CC levels of epidermal growth factor receptors  
 FH Key Location/Qualifiers  
 FT source 1..17  
 FT /organism='Unidentified'.

FEATURES  
 source  
 1..17  
 Location/Qualifiers  
 /organism='unidentified'  
 /mol\_type='genomic RNA'  
 /db\_xref='taxon:32644'

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2776 AGTGATGCGCTGGAGTTA 2792  
 Db 1 AGTGATGCTGGAGCTA 17

RESULT 145  
 BD143633  
 LOCUS 17 bp DNA linear PAT 17-JAN-2003  
 DEFINITION Novel method of determining genotype.  
 ACCESSION BD143633  
 VERSION BD143633.1 GI:27849391  
 KEYWORDS JP 2002101889-A/15.  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 17)  
 AUTHORS Shimada,K., Osaka,T., Azuma,F. and Suzuki,C.  
 TITLE Novel method of determining genotype  
 JOURNAL Patent: JP 2002101889-A 15 09-APR-2002;  
 COMMENT GENOME SCIENCE LABORATORIES CO LTD  
 OS Homo sapiens (human)  
 PN JP 2002101889-A/15  
 PD 09-APR-2002  
 PF 29-SEP-2000 JP 2000299498  
 PI KAZUNORI SHIMADA,TAKUYA OSAKA,FUMIHIRO AZUMA,CHIHO SUZUKI PC  
 C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC  
 C12N15/00,  
 PC C12N15/00  
 CC Primer employing the naturally occurred sequence of Human CC leukocyte

CC antigen class II DRB1 Exon2.  
 FH Key Location/Qualifiers  
 FT source 1..17  
 FT /organism='Homo sapiens (human)'.

FEATURES  
 source  
 1..17  
 Location/Qualifiers  
 /organism='Homo sapiens'  
 /mol\_type='genomic DNA'  
 /db\_xref='taxon:9606'

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1817 GCGTGGGTTCTCTGAAG 1833  
 Db 1 GGGTGGGTTCTCTGGAG 17

RESULT 146  
 BD202798  
 LOCUS 17 bp RNA linear PAT 17-JUL-2003

```

DEFINITION Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD202798
VERSION BD202798.1 GI:33012568
KEYWORDS JP 2002509721-A/5824.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominiidae; Homo.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 5824 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/5824
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
/organism='Homo sapiens (human)'.
FEATURES
source
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3892 TTCCCTTTTTCCTTCT 3908
Db 1 TTCCCTTTTTCCTTCT 17
RESULT 147
LOCUS BD203007 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD203007
VERSION BD203007.1 GI:33012777
KEYWORDS JP 2002509721-A/6033.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
Hominiidae; Homo.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 6033 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/6033
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678

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PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
/organism='Homo sapiens (human)'.
FEATURES
source
Query Match 0.3%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 3897 TTTTGTTCCTTCGTTT 3913
Db 1 TTTTGTTCCTTCGTTT 17
RESULT 148
LOCUS BD254145 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD254145
VERSION BD254145.1 GI:33063915
KEYWORDS JP 2002541795-A/1938.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 1938 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
COMMENT OS Eukaryote
PN JP 2002541795-A/1938
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
C12P21/02,
PC C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,C12R1:91)
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
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Db 1 CCGCAGTGATGCTGG 2787

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RESULT 152  
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DEFINITION Regulation of repressor genes using nucleic acid molecules.  
ACCESSION BD259433  
VERSION BD259433.1 GI:33069203  
KEYWORDS JP 2002541795-A/7226.  
SOURCE unidentified  
ORGANISM unclassified  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.  
TITLE Regulation of repressor genes using nucleic acid molecules  
JOURNAL Patent: JP 2002541795-A 7226 10-DEC-2002;  
RIBOZYME PHARMACEUTICALS INC  
COMMENT OS Eukaryote  
PN JP 2002541795-A/7226  
PD 10-DEC-2002  
PF 11-APR-2000 JP 2000611654  
PR 12-APR-1999 US 60/129390  
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC  
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC  
C12P21/02,  
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PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,  
PC A61K37/00,  
PC (C12N5/00,C12R1:91)  
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DB 17 TGCCCTGGGACAGGCC 1  
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DEFINITION Sequence 2316 from Patent WO0192524.  
ACCESSION CQ617576  
VERSION CQ617576.1 GI:41667794  
KEYWORDS  
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ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Euthera; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 2316 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
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QY 570 TGCCCCGGGCAGGCC 586  
DB 17 TGCCCTGGGACAGGCC 1  
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CQ617724/c  
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DEFINITION Sequence 2464 from Patent WO0192524.  
ACCESSION CQ617724  
VERSION CQ617724.1 GI:41667942  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Euthera; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 2464 06-DEC-2001;  
Aeomica, Inc. (US)  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3428 GCTGGATTGCACTTTGA 3444  
DB 1 GCTGGATTGCACTTTGA 17  
RESULT 155  
CQ618038  
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DEFINITION Sequence 2778 from Patent WO0192524.  
ACCESSION CQ618038  
VERSION CQ618038.1 GI:41668256  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Euthera; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 2778 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source  
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QY 374 CCATGGAGCTCCGGGTG 390  
DB 17 CCATGGAGAACCGGTG 1  
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DEFINITION Sequence 2464 from Patent WO0192524.  
ACCESSION CQ617724  
VERSION CQ617724.1 GI:41667942  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Euthera; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 2464 06-DEC-2001;  
Aeomica, Inc. (US)  
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QY 3428 GCTGGATTGCACTTTGA 3444  
DB 1 GCTGGATTGCACTTTGA 17  
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CQ618038  
LOCUS  
DEFINITION Sequence 2778 from Patent WO0192524.  
ACCESSION CQ618038  
VERSION CQ618038.1 GI:41668256  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Euthera; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and  
Shannon,M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 2778 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
source  
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/mol\_type='unassigned DNA'  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
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DB 1 GGCACCTTCAAGCACC 17

RESULT 156  
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LOCUS CQ621522 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 6262 from Patent WO0192524.  
ACCESSION CQ621522  
VERSION CQ621522.1 GI:41671740  
KEYWORDS Homo sapiens (human)  
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Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 6262 06-DEC-2001;  
Aeomica, Inc. (US)  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
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Qy 564 GCAGCGTCCCGGGGCC 580  
Db 17 GCAGCTTGGCCCGGGCC 1  
RESULT 157  
CQ624495/c  
LOCUS CQ624495 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 9235 from Patent WO0192524.  
ACCESSION CQ624495  
VERSION CQ624495.1 GI:41674713  
KEYWORDS Homo sapiens (human)  
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ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 9235 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
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Qy 2879 AGGACTACCGGTGCC 2895  
Db 17 AGGACTGCGGTGCC 1  
RESULT 158  
CQ624496/c  
LOCUS CQ624496 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 9236 from Patent WO0192524.  
ACCESSION CQ624496

VERSION CQ624496.1 GI:41674714  
KEYWORDS Homo sapiens (human)  
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ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 9236 06-DEC-2001;  
Aeomica, Inc. (US)  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
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Db 17 CAGGACTGCGGTGCC 1  
RESULT 159  
CQ625614/c  
LOCUS CQ625614 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 10354 from Patent WO0192524.  
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VERSION CQ625614.1 GI:41675832  
KEYWORDS Homo sapiens (human)  
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ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 10354 06-DEC-2001;  
Aeomica, Inc. (US)  
FEATURES  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
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Qy 1342 CCTCCTTCGGCTCGCG 1358  
Db 17 CCTCCTTGGGCTCGGG 1  
RESULT 160  
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LOCUS CQ625789 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 10529 from Patent WO0192524.  
ACCESSION CQ625789  
VERSION CQ625789.1 GI:41676007  
KEYWORDS Homo sapiens (human)  
SOURCE  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 10529 06-DEC-2001;  
Aeomica, Inc. (US)  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2603 CTCGCAACATCCTAGTC 2619  
Db 17 CTCGCAACATCGTCG 1  
RESULT 161  
LOCUS CQ625790 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 10530 from Patent WO0192524.  
ACCESSION CQ625790  
VERSION CQ625790.1 GI:41676008  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 10530 06-DEC-2001;  
Aeomica, Inc. (US)  
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Db 17 GCTCGCAACATCGTCG 1  
RESULT 162  
LOCUS CQ625791 17 bp DNA linear PAT 02-FEB-2004  
DEFINITION Sequence 10531 from Patent WO0192524.  
ACCESSION CQ625791  
VERSION CQ625791.1 GI:41676009  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and Shannon, M.E.  
TITLE Myosin-like gene expressed in human heart and muscle  
JOURNAL Patent: WO 0192524-A 10531 06-DEC-2001;  
Aeomica, Inc. (US)  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2601 TGCTCGCAACATCCTAG 2617  
Db 17 TGCTCGCAACATCGTCG 1  
RESULT 163  
LOCUS CQ931613 17 bp DNA linear PAT 23-NOV-2004  
DEFINITION Sequence 6646 from Patent WO2004083403.  
ACCESSION CQ931613  
VERSION CQ931613.1 GI:56221003  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Cargill, M., Begovich, A.B. and Alexander, H.C.  
TITLE Genetic polymorphisms associated with rheumatoid arthritis, methods of detection and uses thereof  
JOURNAL Patent: WO 2004083403-A 6646 30-SEP-2004;  
Applera Corporation (US)  
FEATURES  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3229 GTCACCTCTGCGGGACA 3245  
Db 17 GTCACCTCTGAGGGACA 1  
RESULT 164  
LOCUS I46503 17 bp DNA linear PAT 07-OCT-1997  
DEFINITION Sequence 482 from patent US 5639612.  
ACCESSION I46503  
VERSION I46503.1 GI:2470468  
KEYWORDS Unknown.  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Mitsuhashi, M. and Cooper, A.  
TITLE Method for detecting polynucleotides with immobilized polynucleotide probes identified based on T.sub.m  
JOURNAL Patent: US 5639612-A 482 17-JUN-1997;  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
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Db 1 CCACTGCCAACATGCTC 17

RESULT 165  
157029/c

LOCUS 17 bp DNA linear PAT 07-OCT-1997  
DEFINITION Sequence 30 from patent US 5650553.  
ACCESSION I57029  
VERSION I57029.1 GI:2477442  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Ecker J., Rothenberg, M., Lehman, A. and Roman, G.  
TITLE Plant genes for sensitivity to ethylene and pathogens  
JOURNAL Patent: US 5650553-A 30 22-JUL-1997;  
FEATURES Location/Qualifiers  
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/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2586 CCACCGACCTGGCTG 2602  
Db 17 CCACCAAGACCTGGGTG 1

RESULT 166  
AR187306/c

LOCUS 17 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 2794 from patent US 6346398.  
ACCESSION AR187306  
VERSION AR187306.1 GI:20233271  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6346398-A 2794 12-FEB-2002;  
FEATURES Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"

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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3870 TTGGTCTTAATTTTCT 3886  
Db 17 TTTTCTTAATTTTCT 1

RESULT 167  
AR187336

LOCUS 17 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 2824 from patent US 6346398.  
ACCESSION AR187336  
VERSION AR187336.1 GI:20233301  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions

JOURNAL related to levels of vascular endothelial growth factor receptor  
FEATURES Patent: US 6346398-A 2824 12-FEB-2002;  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
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Qy 3892 TTCCCTTTTGTTCCTT 3908  
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RESULT 168  
AR192331

LOCUS 17 bp DNA linear PAT 20-APR-2002  
DEFINITION Sequence 7819 from patent US 6346398.  
ACCESSION AR192331  
VERSION AR192331.1 GI:20238296  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6346398-A 7819 12-FEB-2002;  
FEATURES Location/Qualifiers  
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/organism="unknown"  
/mol\_type="unassigned DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3854 TTTTGTAGTTTGTTCCTT 3870  
Db 1 TTTTGTAGTTTGTTCCTT 17

RESULT 169  
AR285019/c

LOCUS 17 bp DNA linear PAT 10-APR-2003  
DEFINITION Sequence 98 from patent US 6528261.  
ACCESSION AR285019  
VERSION AR285019.1 GI:29721925  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS De Canck, I., Mersch, G. and Rossau, R.  
TITLE Method for typing of HLA alleles  
JOURNAL Patent: US 6528261-A 98 04-MAR-2003;  
Innogenetics N.V.; Ghent;  
EPX;  
FEATURES Location/Qualifiers  
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/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2628 CCTCGTCTGCAAGTGT 2644  
Db 17 CATCGTCTGCAAGTGT 1

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RESULT 170
AR286163
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS
Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE
Synthetic ribonucleic acids with RNase activity
JOURNAL
Patent: US 6528640-A 535 04-MAR-2003;
Ribozyne Pharmaceuticals, incorporated; Boulder, CO
FEATURES
Location/Qualifiers
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/mol_type="unassigned RNA"
Query Match
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2776 AGTGATGCGTGGAGTTA 2792
Db 1 AGTGATGCGTGGAGTTA 17

RESULT 171
AR286187
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS
Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE
Synthetic ribonucleic acids with RNase activity
JOURNAL
Patent: US 6528640-A 559 04-MAR-2003;
Ribozyne Pharmaceuticals, incorporated; Boulder, CO
FEATURES
Location/Qualifiers
source
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Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3907 TTCGTTTGTGTTTCTA 3923
Db 1 TTCGTTTGTGTTTCTA 17

RESULT 172
AR323916/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1318 20-MAY-2003;
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3892 TTCCTTTTGTGTTCTT 3908
Db 1 TTCCTTTTGTGTTGTT 17

RESULT 174
AR326201
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 3603 20-MAY-2003;
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3892 TTCCTTTTGTGTTCTT 3908
Db 1 TTCCTTTTGTGTTGTT 17

RESULT 175
AR326201
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 17)
AUTHORS
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 3603 20-MAY-2003;
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO
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QY 3892 TTCCTTTTGTGTTCTT 3908
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Qy 3854 TTTTGTGAGTTTGTGTTT 3870  
Db 1 TTTTGTGTTTGTGTTT 17

RESULT 175  
AR327482 AR327482 17 bp RNA linear PAT 17-AUG-2003  
DEFINITION Sequence 4884 from patent US 6566127.  
ACCESSION AR327482  
VERSION AR327482.1 GI:33713290  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 4884 20-MAY-2003;  
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
FEATURES  
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/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2924 ACCAGCTCATGCTGGAC 2940  
Db 1 ATCAGATCATGCTGGAC 17

RESULT 176  
AR327483 AR327483 17 bp RNA linear PAT 17-AUG-2003  
DEFINITION Sequence 4885 from patent US 6566127.  
ACCESSION AR327483  
VERSION AR327483.1 GI:33713291  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 4885 20-MAY-2003;  
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
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/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2928 GCTCATGCTGGACTGTT 2944  
Db 1 GATCATGCTGGACTGCT 17

RESULT 177  
AR327690 AR327690 17 bp RNA linear PAT 17-AUG-2003  
DEFINITION Sequence 5092 from patent US 6566127.  
ACCESSION AR327690  
VERSION AR327690.1 GI:33713498  
KEYWORDS

SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 5092 20-MAY-2003;  
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
FEATURES  
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/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3521 CCCGAGCCACCTCGGGG 3537  
Db 1 CCCCGGCACTCAGGG 17

RESULT 178  
AR328143 AR328143 17 bp RNA linear PAT 17-AUG-2003  
LOCUS  
DEFINITION Sequence 5545 from patent US 6566127.  
ACCESSION AR328143  
VERSION AR328143.1 GI:33713951  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 5545 20-MAY-2003;  
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
FEATURES  
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/mol\_type="unassigned RNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4175 TTTTAAAAAGTAACCTT 4191  
Db 17 TGTATATAAAGTAACCTT 1

RESULT 179  
AR328197 AR328197 17 bp RNA linear PAT 17-AUG-2003  
LOCUS  
DEFINITION Sequence 5599 from patent US 6566127.  
ACCESSION AR328197  
VERSION AR328197.1 GI:33714005  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6566127-A 5599 20-MAY-2003;  
Ribozyne Pharmaceuticals, Inc. and Chiron Corporation; Boulder, CO  
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DEFINITION	Sequence 558 from patent US 6617438.									
ACCESSION	AR398177									
VERSION	AR398177.1	GI:40135776								
KEYWORDS										
SOURCE	Unknown.									
ORGANISM	Unknown.									
REFERENCE	1 (bases 1 to 17)									
AUTHORS	Meigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.									
TITLE	Oligoribonucleotides with enzymatic activity									
JOURNAL	Patent: US 6617438-A 558 09-SEP-2003;									
FEATURES	Sirna Therapeutics, Inc.; Boulder, CO									
source	1..17									
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Query Match	0.3%;	Score 13.8;	DB 1;	Length 17;						
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Qy	3907	TTGCTTTTGTGTTTCTA 3923								
Db	1	TTTGTTTTGTGTTTCTA 17								
RESULT 183										
LOCUS	AR401986									
DEFINITION	Sequence 326 from patent US 6623962.									
ACCESSION	AR401986									
VERSION	AR401986.1	GI:40149436								
KEYWORDS										
SOURCE	Unknown.									
ORGANISM	Unknown.									
REFERENCE	1 (bases 1 to 17)									
AUTHORS	Akhtar,S., Fell,P. and McSwiggen,J.A.									
TITLE	Enzymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors									
JOURNAL	Patent: US 6623962-A 326 23-SEP-2003;									
FEATURES	Sirna Therapeutics, Inc. and Aston University; Boulder, CO									
source	1..17									
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Query Match	0.3%;	Score 13.8;	DB 1;	Length 17;						
Best Local Similarity	88.2%;	Pred. No. 1.1e+02;								
Matches	15;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;					
Qy	2776	AGTGATGCTCGAGTTA 2792								
Db	1	AGTGATGCTCGAGCTA 17								
RESULT 184										
LOCUS	AR434081									
DEFINITION	Sequence 504 from patent US 6656700.									
ACCESSION	AR434081									
VERSION	AR434081.1	GI:40196924								
KEYWORDS										
SOURCE	Unknown.									
ORGANISM	Unknown.									
REFERENCE	1 (bases 1 to 17)									
AUTHORS	Gu, Y. and Shannon, M.E.									
TITLE	Isoforms of human pregnancy-associated protein-E									
JOURNAL	Patent: US 6656700-A 504 02-DEC-2003;									
	Anerham PLC; Buckinghamshire; GB;									

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  Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2700 GAGCTCCTGGGAGGAA 2716
Db 1 GAGCTTCTGGGAGGAA 17

RESULT 185
AR434082 AR434082 17 bp DNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 505 from patent US 6656700.
ACCESSION AR434082
VERSION AR434082.1 GI:40196925
KEYWORDS
SOURCE
ORGANISM
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REFERENCE
  1 (bases 1 to 17)
  Gu, Y., and Shannon, M.E.
  Isoforms of human pregnancy-associated protein-E
  Patent: US 6656700-A 505 02-DEC-2003;
  JOURNAL
  Amersham PLC; Buckinghamshire;
  GBX;

FEATURES
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Query Match
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  Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2701 AGCTCCCTGGGAGGAA 2717
Db 1 AGCTTCTGGGAGGAA 17

RESULT 186
AR442183/c AR442183 17 bp DNA linear PAT 20-FEB-2004
LOCUS
DEFINITION Sequence 84 from patent US 6670124.
ACCESSION AR442183
VERSION AR442183.1 GI:42669440
KEYWORDS
SOURCE
ORGANISM
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    Location/Qualifiers
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      /mol_type="genomic DNA"

REFERENCE
  1 (bases 1 to 17)
  Chow, R. and Tonai, R.
  High throughput methods of HLA typing
  Patent: US 6670124-A 84 30-DEC-2003;
  JOURNAL
  StemCyte, Inc.; Arcadia, CA

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QY 161 CGCTCCGGCGCGCGC 177
Db 17 CGCTCCTGGACCGCGC 1

RESULT 187
AR458639/c AR458639 17 bp DNA linear PAT 20-FEB-2004
LOCUS
DEFINITION Sequence 2316 from patent US 6686188.
ACCESSION AR458639
VERSION AR458639.1 GI:42693696
KEYWORDS
SOURCE
ORGANISM
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REFERENCE
  1 (bases 1 to 17)
  Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
  Shannon, M.E.
  Polynucleotide encoding a human myosin-like polypeptide expressed
  predominantly in heart and muscle
  Patent: US 6686188-A 2316 03-FEB-2004;
  JOURNAL
  Amersham PLC; Buckinghamshire;
  GBX;

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  Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 374 CCATGGAGCTCCGGGTG 390
Db 17 CCATGGAGAACCGGGTG 1

RESULT 188
AR458787 AR458787 17 bp DNA linear PAT 20-FEB-2004
LOCUS
DEFINITION Sequence 2464 from patent US 6686188.
ACCESSION AR458787
VERSION AR458787.1 GI:42693844
KEYWORDS
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ORGANISM
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REFERENCE
  1 (bases 1 to 17)
  Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
  Shannon, M.E.
  Polynucleotide encoding a human myosin-like polypeptide expressed
  predominantly in heart and muscle
  Patent: US 6686188-A 2464 03-FEB-2004;
  JOURNAL
  Amersham PLC; Buckinghamshire;
  GBX;

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  Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;
  Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3428 GCTGGATTGCACCTTGA 3444
Db 1 GCTGGATTGGACTTGA 17

RESULT 189
AR459101 AR459101 17 bp DNA linear PAT 20-FEB-2004
LOCUS
DEFINITION Sequence 2778 from patent US 6686188.
ACCESSION AR459101
VERSION AR459101.1 GI:42694158
KEYWORDS
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Qy 1342 CCTCCTCGGCTCCGCG 1358  
Db 17 CCTCCTCGGCTCCGG 1

RESULT 194  
AR466852/c  
LOCUS AR466852 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 10529 from patent US 6686188.  
ACCESSION AR466852  
VERSION AR466852.1 GI:42701909  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 10529 03-FEB-2004;  
Amersham PLC; Buckinghamshire;  
GBX;  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2603 CTCGCAACATCCTAGTC 2619  
Db 17 CTCGCAACATCGTC 1

RESULT 195  
AR466853/c  
LOCUS AR466853 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 10530 from patent US 6686188.  
ACCESSION AR466853  
VERSION AR466853.1 GI:42701910  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 10530 03-FEB-2004;  
Amersham PLC; Buckinghamshire;  
GBX;  
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/mol\_type="genomic DNA"

Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2602 GCTCGCAACATCCTAGT 2618  
Db 17 GCTCGCAACATCGT 1

RESULT 196  
AR466854/c  
LOCUS AR466854 17 bp DNA linear PAT 20-FEB-2004  
DEFINITION Sequence 10531 from patent US 6686188.

ACCESSION AR466854  
VERSION AR466854.1 GI:42701911  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W. and Shannon,M.E.  
TITLE Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle  
JOURNAL Patent: US 6686188-A 10531 03-FEB-2004;  
Amersham PLC; Buckinghamshire;  
GBX;  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2601 TGCTCGCAACATCCTAG 2617  
Db 17 TGCTCGCAACATCGTC 1

RESULT 197  
AR597376/c  
LOCUS AR597376 17 bp RNA linear PAT 15-DEC-2004  
DEFINITION Sequence 1318 from patent US 6818447.  
ACCESSION AR597376  
VERSION AR597376.1 GI:56648390  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6818447-A 1318 16-NOV-2004;  
Sirna Therapeutics, Inc.; Boulder, CO  
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/organism="unknown"  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3870 TTGGTCTTAATTTTCT 3886  
Db 17 TTTTCTTAATTTTCT 1

RESULT 198  
AR597406  
LOCUS AR597406 17 bp RNA linear PAT 15-DEC-2004  
DEFINITION Sequence 1348 from patent US 6818447.  
ACCESSION AR597406  
VERSION AR597406.1 GI:56648420  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unclassified.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6818447-A 1348 16-NOV-2004;

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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3892 TTCCCTTTTGGTTCTT 3908  
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Db 1 TTCACTTTTGTGTTGT 17

RESULT 199  
LOCUS AR599661 17 bp RNA linear PAT 15-DEC-2004  
DEFINITION Sequence 3603 from patent US 6818447.  
ACCESSION AR599661  
VERSION AR599661.1 GI:56650675  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.  
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor  
JOURNAL Patent: US 6818447-A 3603 16-NOV-2004;  
Sirna Therapeutics, Inc.; Boulder, CO

FEATURES  
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Query Match      0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3854 TTTTGTGAGTTTGTGTTT 3870  
    |||||TTTTTTTGTGTTT 17  
Db 1 TTTTGTGTTTGTGTTT 17

RESULT 200  
LOCUS AR650079 17 bp DNA linear PAT 20-APR-2005  
DEFINITION Sequence 2 from patent US 6878547.  
ACCESSION AR650079  
VERSION AR650079.1 GI:62793623  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Peyman,A., Uhlmann,E. and Weiser,C.  
TITLE Antisense oligonucleotides against tenascin for treating vitiligo  
JOURNAL Patent: US 6878547-A 2 12-APR-2005;  
Aventis Pharma Deutschland GmbH; Frankfurt am Main;  
DEX;

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LOCUS AX012596/c 17 bp DNA linear PAT 06-SEP-2000  
DEFINITION Sequence 98 from Patent WO9954496.  
ACCESSION AX012596  
VERSION AX012596.1 GI:9998590  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;

RESULT 201  
LOCUS AR650098 17 bp DNA linear PAT 20-APR-2005  
DEFINITION Sequence 21 from patent US 6878547.  
ACCESSION AR650098  
VERSION AR650098.1 GI:62793642  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Peyman,A., Uhlmann,E. and Weiser,C.  
TITLE Antisense oligonucleotides against tenascin for treating vitiligo  
JOURNAL Patent: US 6878547-A 21 12-APR-2005;  
Aventis Pharma Deutschland GmbH; Frankfurt am Main;  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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LOCUS AR650117 17 bp DNA linear PAT 20-APR-2005  
DEFINITION Sequence 40 from patent US 6878547.  
ACCESSION AR650117  
VERSION AR650117.1 GI:62793661  
KEYWORDS  
SOURCE Unknown.  
ORGANISM Unknown.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Peyman,A., Uhlmann,E. and Weiser,C.  
TITLE Antisense oligonucleotides against tenascin for treating vitiligo  
JOURNAL Patent: US 6878547-A 40 12-APR-2005;  
Aventis Pharma Deutschland GmbH; Frankfurt am Main;  
DEX;

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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 1 GGTGGAGGTGGGTTTGG 17

RESULT 203  
LOCUS AX012596/c 17 bp DNA linear PAT 06-SEP-2000  
DEFINITION Sequence 98 from Patent WO9954496.  
ACCESSION AX012596  
VERSION AX012596.1 GI:9998590  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;

REFERENCE 1 Hominidae; Homo.  
AUTHORS De Cancke, I., Rossau, R. and Mersch, G.  
TITLE Method for typing of hla alleles  
JOURNAL Patent: WO 9954496-A 98 28-OCT-1999;  
CANCK ILSE DE (BE); ROSSAU RUDI (BE); INNOGENETICS NV (BE); MERSCH GUY (BE)  
FEATURES Location/Qualifiers  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
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QY 2628 CCTGCTCTGCAAGTGT 2644  
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Db 17 CATGCTCTGCCAAGTGT 1

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ACCESSION AX022894  
VERSION AX022894.1 GI:10046385  
KEYWORDS  
SOURCE unidentified  
ORGANISM unclassified sequences.

REFERENCE 1  
AUTHORS Uhlmann, E., Weiser, C. and Peyman, A.  
TITLE Antisense oligonucleotides against tenascin for treating vitiligo  
JOURNAL Patent: WO 9925819-A 2 27-MAY-1999;  
UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE GMBH (DE); PEYMAN ANUSCHIRWAN (DE)  
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exon

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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 1 GGTGAGGTGGGTTGG 17

RESULT 205  
AX022913  
LOCUS AX022913 17 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 21 from Patent WO9925819.  
ACCESSION AX022913  
VERSION AX022913.1 GI:10046405  
KEYWORDS  
SOURCE unidentified  
ORGANISM unclassified sequences.

REFERENCE 1  
AUTHORS Uhlmann, E., Weiser, C. and Peyman, A.  
TITLE Antisense oligonucleotides against tenascin for treating vitiligo  
JOURNAL Patent: WO 9925819-A 21 27-MAY-1999;  
UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE GMBH (DE); PEYMAN ANUSCHIRWAN (DE)  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2239 GGTGCAGGTGAGTTGG 2255  
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Db 1 GGTGAGGTGGGTTGG 17

RESULT 206  
AX022932  
LOCUS AX022932 17 bp DNA linear PAT 07-SEP-2000  
DEFINITION Sequence 40 from Patent WO9925819.  
ACCESSION AX022932  
VERSION AX022932.1 GI:10046425  
KEYWORDS  
SOURCE unidentified  
ORGANISM unclassified sequences.

REFERENCE 1  
AUTHORS Uhlmann, E., Weiser, C. and Peyman, A.  
TITLE Antisense oligonucleotides against tenascin for treating vitiligo  
JOURNAL Patent: WO 9925819-A 40 27-MAY-1999;  
UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE GMBH (DE); PEYMAN ANUSCHIRWAN (DE)  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2239 GGTGCAGGTGAGTTGG 2255  
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Db 1 GGTGAGGTGGGTTGG 17

RESULT 207  
AX030482  
LOCUS AX030482 17 bp DNA linear PAT 20-SEP-2000  
DEFINITION Sequence 2 from Patent DE19750702.  
ACCESSION AX030482  
VERSION AX030482.1 GI:10278039  
KEYWORDS  
SOURCE unidentified  
ORGANISM unclassified sequences.

REFERENCE 1  
AUTHORS Peyman, A. D., Uhlmann, E. D. and Weiser, C. D.  
TITLE Antisense oligonucleotides that bind to sequences encoding human tenascin for treating depigmentation, cancer, inflammation and cardiovascular disease  
JOURNAL Patent: DE 19750702-A 2 27-MAY-1999;  
HOECHST MARION ROUSSEL DE GMBH (DE)  
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exon

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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 1 GGTGAGGTGGGTTGG 17





JOURNAL Patent: WO 0159103-A 1832 16-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);  
McSwiggen, James (US); Chowrira, Bharat M. (US)  
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/note="Nucleic Acid"

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Qy 2964 CCGGCCCGCTTCCCC 2980  
Db 1 CCGGCCCGCTTCCCC 17

RESULT 213  
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LOCUS AX227394 17 bp RNA linear PAT 10-SEP-2001  
DEFINITION Sequence 766 from Patent WO0157206.  
ACCESSION AX227394  
VERSION AX227394.1 GI:15556535  
KEYWORDS synthetic construct  
SOURCE synthetic construct  
ORGANISM other sequences; artificial sequences.

REFERENCE 1  
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Booher, R.N. and Holman, P.S.  
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme  
JOURNAL Patent: WO 0157206-A 766 09-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2597 TGGCTGCTCGCAATC 2613  
Db 17 TGGCTGCTCGCAATC 1

RESULT 214  
AX227298  
LOCUS AX227298 17 bp RNA linear PAT 29-OCT-2001  
DEFINITION Sequence 367 from Patent WO0162911.  
ACCESSION AX227298  
VERSION AX227298.1 GI:16545535  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Mammalia; Euthera; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Jarvis, T., von Carlowitz, I., McSwiggen, J.A., Hamblin, P.A. and Ellis, J.H.  
TITLE Method and reagent for the inhibition of grid  
JOURNAL Patent: WO 0162911-A 367 30-AUG-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)  
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Query Match 0.3%; Score 13.8; DB 1; Length 17;  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 1 GCACCGCCACAGCCTC 17

RESULT 215  
AX423572  
LOCUS AX423572 17 bp RNA linear PAT 18-JUN-2002  
DEFINITION Sequence 1908 from Patent WO0188124.  
ACCESSION AX423572  
VERSION AX423572.1 GI:21526954  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Euthera; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Jarvis, T., von Carlowitz, I., McSwiggen, J.A., McLaughlin, F.G. and Randi, A.M.  
TITLE Method and reagent for the inhibition of erg  
JOURNAL Patent: WO 0188124-A 1908 22-NOV-2001;  
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 261 CCGCAGCGAGGTCCCG 277  
Db 1 CCGCAGCGAGGTCCCG 17

RESULT 216  
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LOCUS AX475253 17 bp DNA linear PAT 12-AUG-2002  
DEFINITION Sequence 474 from Patent WO0224750.  
ACCESSION AX475253  
VERSION AX475253.1 GI:22214538  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Euthera; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Zhang, J.  
TITLE Human kidney tumor overexpressed membrane protein 1  
JOURNAL Patent: WO 0224750-A 474 28-MAR-2002;  
Aeomica, Inc. (US)  
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/db\_xref="taxon:9606"

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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
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Qy 1157 CAGCTGAGGGGACACC 1173  
Db 17 CAGTGGAGGGGACACC 1

RESULT 217  
AX498979/c  
LOCUS AX498979 17 bp DNA linear PAT 27-SEP-2002  
DEFINITION Sequence 286 from Patent EP1229046.  
ACCESSION AX498979  
VERSION AX498979.1 GI:23381272  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 286 07-AUG-2002;  
Aeomica, Inc. (US)  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
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Db 17 GGGGTGCACCTGCTCC 1  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
LOCUS AX499699 17 bp DNA linear PAT 27-SEP-2002  
DEFINITION Sequence 1006 from Patent EP1229046.  
ACCESSION AX499699  
VERSION AX499699.1 GI:23381992  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 1006 07-AUG-2002;  
Aeomica, Inc. (US)  
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QY 4064 CCCCACGCTGTCCT 4080  
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Db 17 CCCCCAAGATGTATCT 1  
Query Match 0.3%; Score 13.8; DB 1; Length 17;  
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
LOCUS AX500654 17 bp DNA linear PAT 27-SEP-2002  
DEFINITION Sequence 1961 from Patent EP1229046.  
ACCESSION AX500654  
VERSION AX500654.1 GI:23382947  
KEYWORDS

SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Zhan, J.  
TITLE Human testis expressed patched like protein  
JOURNAL Patent: EP 1229046-A 1961 07-AUG-2002;  
Aeomica, Inc. (US)  
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Db 17 CCTCCTGCACATGGAA 1  
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LOCUS AX527186 17 bp DNA linear PAT 21-NOV-2002  
DEFINITION Sequence 216 from Patent WO0226818.  
ACCESSION AX527186  
VERSION AX527186.1 GI:25171801  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Gu, Y. and Corrigan, A.  
TITLE Human nedd-1  
JOURNAL Patent: WO 0226818-A 216 04-APR-2002;  
Aeomica, Inc. (US)  
FEATURES  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
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QY 4162 TTCTTAAATTATATTA 4178  
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Db 17 TTCTTAAATCATATTGA 1  
RESULT 221  
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LOCUS AX530600 17 bp DNA linear PAT 22-NOV-2002  
DEFINITION Sequence 109 from Patent EP1239051.  
ACCESSION AX530600  
VERSION AX530600.1 GI:25253007  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Shannon, M.  
TITLE Human posh-like protein 1  
JOURNAL Patent: EP 1239051-A 109 11-SEP-2002;

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        /db_xref="taxon:9606"

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Qy 60 GCTCAGCCCCCGCCACC 76
Db 17 GCTCAGCCCCCTCTCTC 1

RESULT 222
LOCUS AX530983 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 492 from Patent EP1239051.
ACCESSION AX530983
VERSION AX530983.1 GI:25253753
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
  Homnidae; Homo.
REFERENCE
  1
  AUTHORS Shannon,M.
  TITLE Human posh-like protein 1
  JOURNAL Patent: EP 1239051-A 492 11-SEP-2002;
  Aecomica, Inc. (US)
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Query Match
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  Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1845 CCGGCAGAGCTCGGG 1861
Db 1 CAGGCAGAGCTCGGG 17

RESULT 223
LOCUS AX530985 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 494 from Patent EP1239051.
ACCESSION AX530985
VERSION AX530985.1 GI:25253757
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
  Homnidae; Homo.
REFERENCE
  1
  AUTHORS Shannon,M.
  TITLE Human posh-like protein 1
  JOURNAL Patent: EP 1239051-A 494 11-SEP-2002;
  Aecomica, Inc. (US)
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Query Match
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  Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1845 CCGGCAGAGCTCGGG 1861
Db 1 CAGGCAGAGCTCGGG 17

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Db 1 GGCAGAGCTCGGGAG 17

RESULT 224
LOCUS AX648910/c 17 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 750 from Patent EPI273660.
ACCESSION AX648910
VERSION AX648910.1 GI:29151728
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
  Homnidae; Homo.
REFERENCE
  1
  AUTHORS Gu,Y.
  TITLE Human sodium-hydrogen exchanger like protein 1
  JOURNAL Patent: EP 1273660-A 750 08-JAN-2003;
  Aecomica, Inc. (US)
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Query Match
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  Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2456 AGTTCATGAGAACGGC 2472
Db 17 AGTTCATGAGAAATGGC 1

RESULT 225
LOCUS AX672569/c 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 1014 from Patent WO03004526.
ACCESSION AX672569
VERSION AX672569.1 GI:29330917
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
  Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;
  Homnidae; Homo.
REFERENCE
  1
  AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
  TITLE Sequences involved in phenomena of tumour suppression, tumour
  reversal, apoptosis and/or resistance to viruses and their use as
  medicines
  JOURNAL Patent: WO 03004526-A 1014 16-JAN-2003;
  Molecular Engines Laboratories (FR)
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Db 17 TATAAAACCATTCGATC 1
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RESULT 226  
AX687647  
LOCUS AX687647 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 379 from Patent EP1281758.  
ACCESSION AX687647  
VERSION AX687647.1 GI:29410343  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE  
1 Shannon,M., Gu,Y. and Nguyen,C.T.  
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and  
TITLE mdz12  
JOURNAL Patent: EP 1281758-A 379 05-FEB-2003;  
Aeomica, Inc. (US)  
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Db 1 TGGAGCTGCTGGTGTCTG 17  
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RESULT 227  
AX687861/c  
LOCUS AX687861 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 593 from Patent EP1281758.  
ACCESSION AX687861  
VERSION AX687861.1 GI:29410559  
KEYWORDS  
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ORGANISM  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE  
1 Shannon,M., Gu,Y. and Nguyen,C.T.  
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and  
TITLE mdz12  
JOURNAL Patent: EP 1281758-A 593 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES  
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Db 1 TGGAGCTGCTGGTGTCTG 17  
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RESULT 228  
AX687957/c  
LOCUS AX687957 17 bp DNA linear PAT 01-APR-2003  
DEFINITION Sequence 689 from Patent EP1281758.  
ACCESSION AX687957  
VERSION AX687957.1 GI:29410655  
KEYWORDS

SOURCE Homo sapiens (human)  
ORGANISM  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE  
1 Shannon,M., Gu,Y. and Nguyen,C.T.  
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and  
TITLE mdz12  
JOURNAL Patent: EP 1281758-A 689 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
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Db 17 GTGTCTCATCTCCAGG 1  
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RESULT 229  
AX687958/c  
LOCUS AX687958 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 690 from Patent EP1281758.  
ACCESSION AX687958  
VERSION AX687958.1 GI:29410656  
KEYWORDS  
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ORGANISM  
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE  
1 Shannon,M., Gu,Y. and Nguyen,C.T.  
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and  
TITLE mdz12  
JOURNAL Patent: EP 1281758-A 690 05-FEB-2003;  
Aeomica, Inc. (US)  
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QY 4216 CGTGCTCCAGCTCCAGG 4232  
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Db 17 CGTGCTCATCTCCAGG 1  
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RESULT 230  
AX687973  
LOCUS AX687973 17 bp DNA linear PAT 31-MAR-2003  
DEFINITION Sequence 705 from Patent EP1281758.  
ACCESSION AX687973  
VERSION AX687973.1 GI:29410671  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE  
1 Shannon,M., Gu,Y. and Nguyen,C.T.  
AUTHORS

TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 705 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
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Db 1 CGGGCTTCCAGGAGCA 17

RESULT 231  
AX687975 AX687975 17 bp DNA linear PAT 31-MAR-2003  
LOCUS Sequence 707 from Patent EP1281758.  
DEFINITION AX687975  
ACCESSION AX687975  
VERSION AX687975.1 GI:29410673  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 707 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
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RESULT 232  
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LOCUS Sequence 1397 from Patent EP1281758.  
DEFINITION AX688665  
ACCESSION AX688665  
VERSION AX688665.1 GI:29411367  
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SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 1397 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
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RESULT 233  
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LOCUS Sequence 1398 from Patent EP1281758.  
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ACCESSION AX688666  
VERSION AX688666.1 GI:29411368  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 1398 05-FEB-2003;  
Aeomica, Inc. (US)  
FEATURES Location/Qualifiers  
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Qy 1754 CCAGTGGGGCTGTGCTG 1770  
Db 17 CCAGTGTGCTGCGCTG 1

RESULT 234  
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LOCUS Sequence 1399 from Patent EP1281758.  
DEFINITION AX688667  
ACCESSION AX688667  
VERSION AX688667.1 GI:29411369  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE 1  
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.  
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
JOURNAL Patent: EP 1281758-A 1399 05-FEB-2003;  
Aeomica, Inc. (US)  
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RESULT 235  
 AX692024/c  
 LOCUS AX692024 17 bp DNA linear PAT 31-MAR-2003  
 DEFINITION Sequence 4756 from Patent EP1281758.  
 ACCESSION AX692024  
 VERSION AX692024.1 GI:29414968  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
 Homnidae; Homo.

REFERENCE 1  
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.  
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12  
 JOURNAL Patent: EP 1281758-A 4756 05-FEB-2003;  
 Aeomica, Inc. (US)  
 FEATURES Location/Qualifiers  
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QY 2289 GAAGAAGGAGCTGTG 2305  
 Db 17 GAAGAAGGAGCTGTG 1

RESULT 236  
 AX722776/c  
 LOCUS AX722776 17 bp DNA linear PAT 08-MAY-2003  
 DEFINITION Sequence 463 from Patent WO03025176.  
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 VERSION AX722776.1 GI:30423277  
 KEYWORDS Mus musculus (house mouse)  
 SOURCE Mus musculus  
 ORGANISM Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia;  
 Sciurognathi; Muroidae; Muridae; Murinae; Mus.

REFERENCE 1  
 AUTHORS Telerman,A., Anson,R. and Tuijnder,M.  
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines  
 JOURNAL Patent: WO 03025176-A 463 27-MAR-2003;  
 Molecular Engines Laboratories (FR)  
 FEATURES Location/Qualifiers  
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QY 2189 AATTTCAGAGATC 2205  
 Db 17 AATTTCAGAGATC 1

RESULT 237

AX735152  
 LOCUS AX735152 17 bp DNA linear PAT 08-MAY-2003  
 DEFINITION Sequence 742 from Patent WO03025177.  
 ACCESSION AX735152  
 VERSION AX735152.1 GI:30514429  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
 Homnidae; Homo.

REFERENCE 1  
 AUTHORS Telerman,A., Anson,R. and Tuijnder,M.  
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments  
 JOURNAL Patent: WO 03025177-A 742 27-MAR-2003;  
 Molecular Engines Laboratories (FR)  
 FEATURES Location/Qualifiers  
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QY 2686 GATCCACCTACACGAG 2702  
 Db 1 GATCCACCTACACGAG 17

RESULT 238  
 AX737396  
 LOCUS AX737396 17 bp DNA linear PAT 08-MAY-2003  
 DEFINITION Sequence 2986 from Patent WO03025177.  
 ACCESSION AX737396  
 VERSION AX737396.1 GI:30516684  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
 Homnidae; Homo.

REFERENCE 1  
 AUTHORS Telerman,A., Anson,R. and Tuijnder,M.  
 TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments  
 JOURNAL Patent: WO 03025177-A 2986 27-MAR-2003;  
 Molecular Engines Laboratories (FR)  
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QY 913 GACGAGGTGCTGCAT 929  
 Db 1 GACGAGGTGCTGCAT 17

RESULT 239  
 AX739251  
 LOCUS AX739251 17 bp DNA linear PAT 08-MAY-2003  
 DEFINITION Sequence 4841 from Patent WO03025177.  
 ACCESSION AX739251  
 VERSION AX739251.1 GI:30518548

KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments  
JOURNAL Patent: WO 03025177-A 4841 27-MAR-2003;  
Molecular Engines Laboratories (FR)  
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Qy 2862 GATCAATGCCAATGAAC 2878  
Db 1 GATCAATGCCAATGACC 17  
RESULT 240  
AX760530/c  
LOCUS AX760530 17 bp DNA linear PAT 25-JUN-2003  
DEFINITION Sequence 3851 from Patent WO03040369.  
ACCESSION AX760530  
VERSION AX760530.1 GI:32255146  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE  
AUTHORS Telerman, A., Amson, R. and Tuijinder, M.  
TITLE Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines  
JOURNAL Patent: WO 03040369-A 3851 15-MAY-2003;  
Molecular Engines Laboratories (FR)  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
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Qy 439 AACACAAATTTGGAAAC 455  
Db 17 AACACAAATTTGGGATC 1  
RESULT 241  
AX781842  
LOCUS AX781842 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION Sequence 173 from Patent WO03050284.  
ACCESSION AX781842  
VERSION AX781842.1 GI:32949676  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;

Hominidae; Homo.  
REFERENCE  
AUTHORS Guo, J.  
TITLE Human prostate cancer candidate protein 1  
JOURNAL Patent: WO 03050284-A 173 19-JUN-2003;  
Amersham Biosciences (SV) Corp. (US)  
FEATURES  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 4199 AATAAAGAAAATGGGA 4215  
Db 1 AAGAAAGGAAAATGGGA 17  
RESULT 242  
AX782255/c  
LOCUS AX782255 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION Sequence 586 from Patent WO03050284.  
ACCESSION AX782255  
VERSION AX782255.1 GI:32950104  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE  
AUTHORS Guo, J.  
TITLE Human prostate cancer candidate protein 1  
JOURNAL Patent: WO 03050284-A 586 19-JUN-2003;  
Amersham Biosciences (SV) Corp. (US)  
FEATURES  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 3368 CCGCCTCCCATTTTCC 3384  
Db 17 CGGCGTCCCATTTTCC 1  
RESULT 243  
AX783675  
LOCUS AX783675 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION Sequence 2006 from Patent WO03050284.  
ACCESSION AX783675  
VERSION AX783675.1 GI:32951524  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.  
REFERENCE  
AUTHORS Guo, J.  
TITLE Human prostate cancer candidate protein 1  
JOURNAL Patent: WO 03050284-A 2006 19-JUN-2003;  
Amersham Biosciences (SV) Corp. (US)  
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Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2529 GGGCATGCTGGGGGCA 2545  
DB 1 GGTATGCTCGGGTCA 17

RESULT 244  
AX783831  
LOCUS AX783831 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION Sequence 2162 from Patent WO03050284.  
ACCESSION AX783831  
VERSION AX783831.1 GI:32951680  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Guo, J.  
TITLE Human prostate cancer candidate protein 1  
JOURNAL Patent: WO 03050284-A 2162 19-JUN-2003;  
Amerisham Biosciences (SV) Corp. (US)  
FEATURES  
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/db\_xref="taxon:9606"

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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3676 TGACTCCCTTGCAGCT 3692  
DB 1 TGACTCCCTTTCAGCT 17

RESULT 245  
AX783906/c  
LOCUS AX783906 17 bp DNA linear PAT 17-JUL-2003  
DEFINITION Sequence 2237 from Patent WO03050284.  
ACCESSION AX783906  
VERSION AX783906.1 GI:32951755  
KEYWORDS Homo sapiens (human)  
SOURCE Homo sapiens  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini;  
Hominidae; Homo.

REFERENCE 1  
AUTHORS Guo, J.  
TITLE Human prostate cancer candidate protein 1  
JOURNAL Patent: WO 03050284-A 2237 19-JUN-2003;  
Amerisham Biosciences (SV) Corp. (US)  
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source  
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Query Match  
Best Local Similarity 0.3%; Score 13.8; DB 1; Length 17;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1841 AAAACCGGCAGAGCTG 1857  
DB 1 AAAACCGGCAGAGCTG 1857

Db 17 AACACAGGGCAGAGCTG 1

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AX801932/c  
LOCUS AX801932 17 bp DNA linear PAT 24-NOV-2003  
DEFINITION Sequence 71 from Patent WO03057913.  
ACCESSION AX801932  
VERSION AX801932.1 GI:38500856  
KEYWORDS Scomber scombrus (Atlantic mackerel)  
SOURCE Scomber scombrus  
ORGANISM Scomber scombrus  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei;  
Acanthomorpha; Acanthopterygii; Percomorpha; Perciformes;  
Scombroidei; Scombridae; Scomber.

REFERENCE 1  
AUTHORS Mabilat, C., Desvarenne, S., Babola, O., Lacroix, B. and bello Pigem, N.  
TITLE Method for the detection and/or identification of the original animal species in animal matter contained in a sample  
JOURNAL Patent: WO 03057913-A 71 17-JUL-2003;  
BIO MERIEUX (FR)  
FEATURES  
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Best Local Similarity 88.2%; Pred. No. 1.1e+02;  
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QY 3287 AGCCCAAGCCGGGAACC 3303  
DB 17 AGACCAAGCAGGGAACC 1

RESULT 247  
BD002054  
LOCUS BD002054 17 bp DNA linear PAT 31-JAN-2002  
DEFINITION Agent for retarding the conversion of hormone-dependent cancer into hormone-independent cancer.  
ACCESSION BD002054  
VERSION BD002054.1 GI:18628794  
KEYWORDS JP 2000178202-A/5.  
SOURCE synthetic construct  
ORGANISM other sequences; artificial sequences.  
REFERENCE 1 (bases 1 to 17)  
AUTHORS Matsutani, T. and Naito, K.  
TITLE Agent for retarding the conversion of hormone-dependent cancer into hormone-independent cancer  
JOURNAL Patent: JP 2000178202-A 5 27-JUN-2000;  
TAKEDA CHEMICAL INDUSTRIES LTD  
COMMENT OS Artificial Sequence  
PN JP 2000178202-A/5  
FD 27-JUN-2000  
PF 07-OCT-1999 JP 1999286856  
PR  
PI TOSHIYA MATSUTANI, KENICHIRO NAITO  
PC A61K38/04, A61K38/22, A61K45/00, A61P13/08, A61P35/00//C07K7/23 CC

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Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2587 CACCGAGACCTGGCTGC 2603

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1 CAYMGRGACYTGGCRGC 17

Search completed: March 23, 2006, 11:07:04  
Job time : 12 secs

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